

three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot  
one eighth inch = one foot

TREE PROTECTION NOTES:

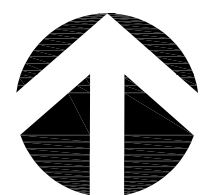
1. ROOT PROTECTION ZONE IS DEFINED AS ONE-FOOT (1') IN RADIUS FOR EACH ONE-INCH (1") OF TREE CALIPER, AS MEASURED AT A HEIGHT OF 4 1/2' ABOVE GRADE.
2. PRESERVED AND RETAINED TREES ARE TO BE PROTECTED FROM CONSTRUCTION ACTIVITIES BY STURDY FENCING. THE FENCING MATERIAL SHALL BE HIGHLY VISIBLE, 6-FEET HIGH, CHAIN-LINK, ATTACHED SECURELY TO 8" HIGH, METAL FENCE POSTS DRIVEN INTO THE GROUND AT 6-FOOT INTERVALS.
3. TREE PROTECTION FENCING SHALL BE INSTALLED BEFORE ANY CONSTRUCTION STARTS AND REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE.
4. TREE PROTECTION DEVICES SHALL BE INSTALLED TO PROTECT THE ROOT ZONES OF TREES LOCATED ON ADJOINING PROPERTIES IF ANY TYPE OF ACTIVITY WILL BE DISTURBING THE ROOT PROTECTION ZONE.
5. THE FOLLOWING DEVELOPMENT IS NOT ALLOWED WITHIN ROOT PROTECTION ZONES:
  - A. NEW BUILDINGS
  - B. GRADE CHANGE OR CUT AND FILL DURING OR AFTER CONSTRUCTION
  - C. NEW IMPERVIOUS SURFACES
  - D. UTILITY OR DRAINAGE FIELD PLACEMENT
  - E. STAGING OR STORAGE OF MATERIALS AND EQUIPMENT DURING CONSTRUCTION
  - F. VEHICLE MANEUVERING AREAS DURING CONSTRUCTION
6. ADDITIONAL TREES AND SHRUBS, NOT SHOWN FOR REMOVAL IN PLANS, MAY BE REMOVED FROM AREAS WITHIN 15' FEET OF NEW CONSTRUCTION AND 7.5 FEET OF UTILITY LINES WHEN REMOVAL IS APPROVED IN ADVANCE BY OWNER'S REPRESENTATIVE AND RESIDENT ENGINEER.
7. SEE SPECIFICATION SECTION 01 56 39 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

TREE PROTECTION LEGEND:

- TREE PROTECTION FENCING - TO BE INSTALLED AT EDGE OF ROOT PROTECTION ZONE OF EACH TREE/ GROUP OF TREES
- EXISTING DECIDUOUS TREE TO REMAIN
- EXISTING EVERGREEN TREE TO REMAIN

NOTE:  
ORIGINAL SURVEY AMENDED TO DISTINGUISH BETWEEN TREES TO BE REMOVED AND TREES TO REMAIN

1 TREE PROTECTION PLAN  
1"=30'-0"

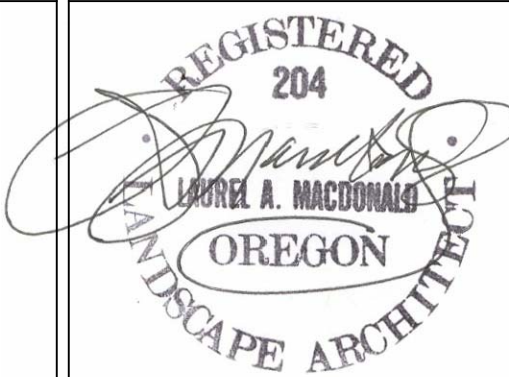


Revisions	Date

CONSULTANT



STAMP



ARCHITECT

Tina Ely architect  
2915 Wingate Street / Eugene, OR 97408  
541.521.2477 / tina.ely@comcast.net

Drawing Title  
TREE PROTECTION PLAN

Approved: Project Director

Project Title  
SEISMIC REPLACEMENT BLDG 2  
PHASE 1 MINOR  
ACUTE PSYCHIATRIC WARD

Location  
ROSEBURG, OREGON

Date  
30 APR 2012

Checked  
LMB

Drawn  
BR

VA Project Number  
653-322

Building Number  
086

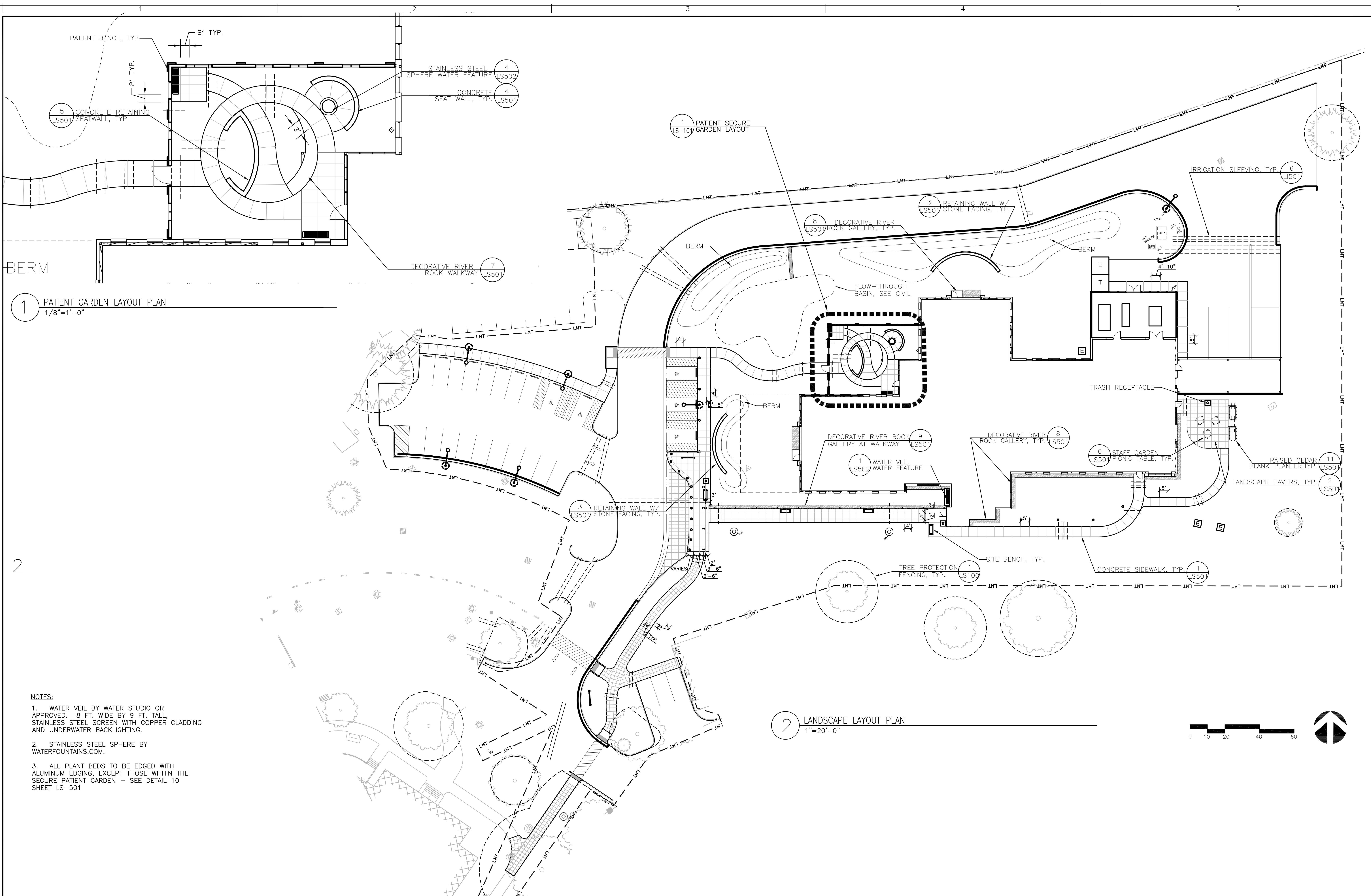
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LS-100

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AND FACILITIES  
MANAGEMENT



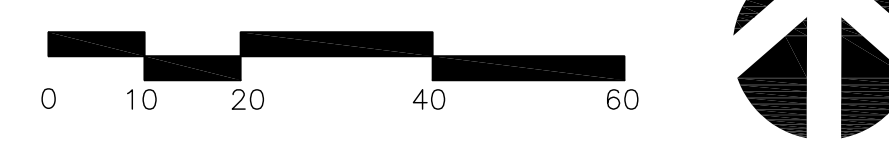




1 PATIENT GARDEN LAYOUT PLAN  
1/8"=1'-0"

2 LANDSCAPE LAYOUT PLAN  
1"=20'-0"

- NOTES:
1. WATER VEIL BY WATER STUDIO OR APPROVED. 8 FT. WIDE BY 9 FT. TALL, STAINLESS STEEL SCREEN WITH COPPER CLADDING AND UNDERWATER BACKLIGHTING.
  2. STAINLESS STEEL SPHERE BY WATERFOUNTAINS.COM.
  3. ALL PLANT BEDS TO BE EDGED WITH ALUMINUM EDGING, EXCEPT THOSE WITHIN THE SECURE PATIENT GARDEN - SEE DETAIL 10 SHEET LS-501



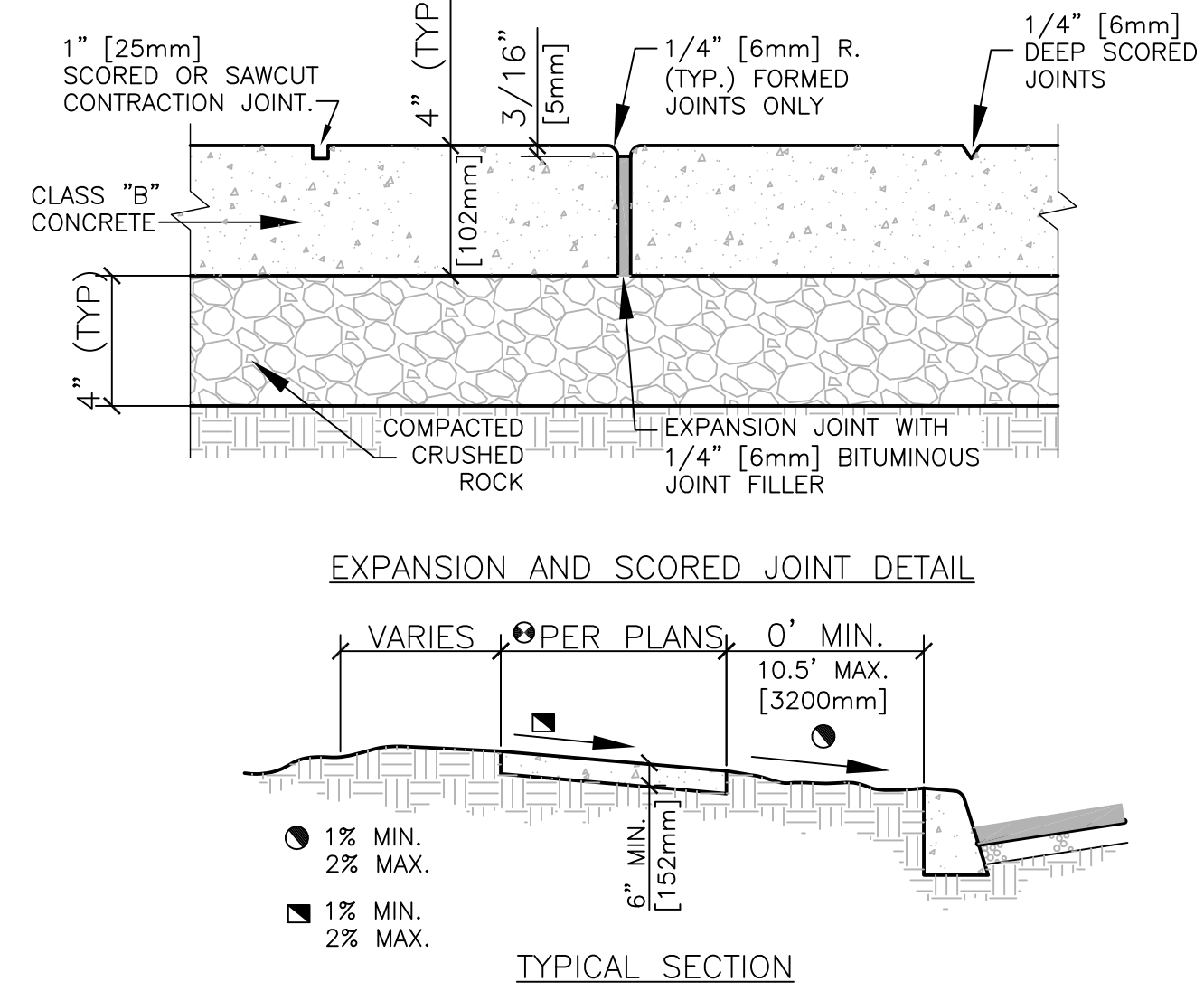
Revisions		Date	CONSULTANT	STAMP	ARCHITECT	Drawing Title	Project Title		VA Project Number	OFFICE OF CONSTRUCTION AND FACILITIES MANAGEMENT	
					 Tina Ely architect 2915 Wingate Street / Eugene, OR 97408 541.521.2477 / Tina.Ely@comcast.net	LANDSCAPE LAYOUT PLANS	SEISMIC REPLACEMENT BLDG 2 PHASE 1 MINOR ACUTE PSYCHIATRIC WARD		653-322	Department of Veterans Affairs	
							Building Number 086				
						Approved: Project Director	Location ROSEBURG, OREGON	Sheet Number LS-101			
							Date 30 APR 2012	Checked LMB	Drawn BR		



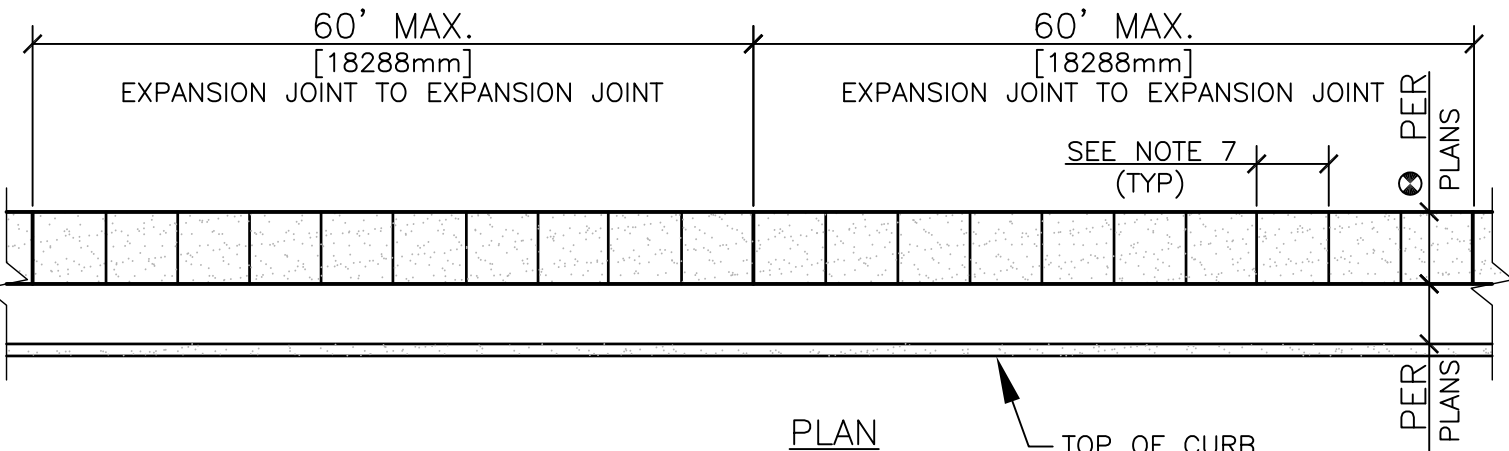




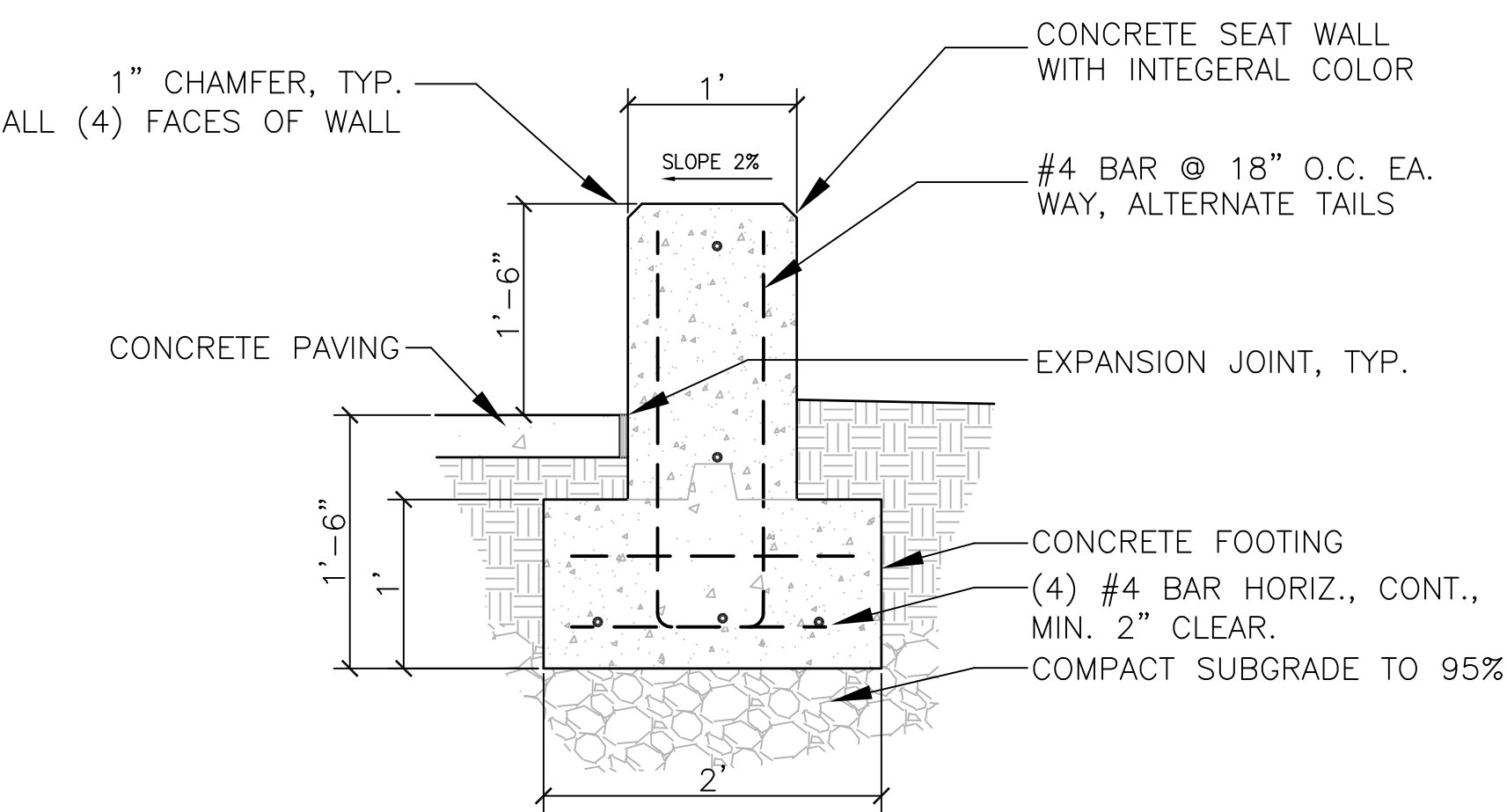
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three quarters inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
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- NOTES:**
- EXPANSION JOINTS SHALL BE LOCATED WHERE SIDEWALK ABUTS CONCRETE DRIVEWAYS, CURB OR OTHER ADJACENT STRUCTURES. ONE-HALF INCH BITUMINOUS JOINT FILLER SHALL BE INSTALLED AT EXPANSION JOINT LOCATIONS AND SHALL EXTEND THE FULL DEPTH OF THE CONCRETE.
  - 1" DEEP CONTRACTION JOINTS SHALL BE PLACED AT INTERVALS OF APPROXIMATELY 15' [4572mm] OR AT A SPACING THAT MATCHES THE ADJACENT CURB.
  - FORMED CONTRACTION JOINTS SHALL BE FINISHED WITH A TOOL HAVING A 1/4" [6mm] RADIUS.
  - SCORED JOINTS SHALL BE 1/4" [6mm] DEEP AND PLACED AT THE SPACING INDICATED ON THE DRAWINGS OR MATCH SCORED JOINTS OF ADJACENT CURB.
  - CONCRETE SHALL BE FINISHED BY MEANS OF A FLOAT, STEEL TROWELLED AND BROOMED WITH A FINE BRUSH IN A TRANSVERSE DIRECTION.
  - 1/4" DEEP SCORED JOINTS (TYP) SPACED AS INDICATED ON LAYOUT PLAN, SHEET LS-101.

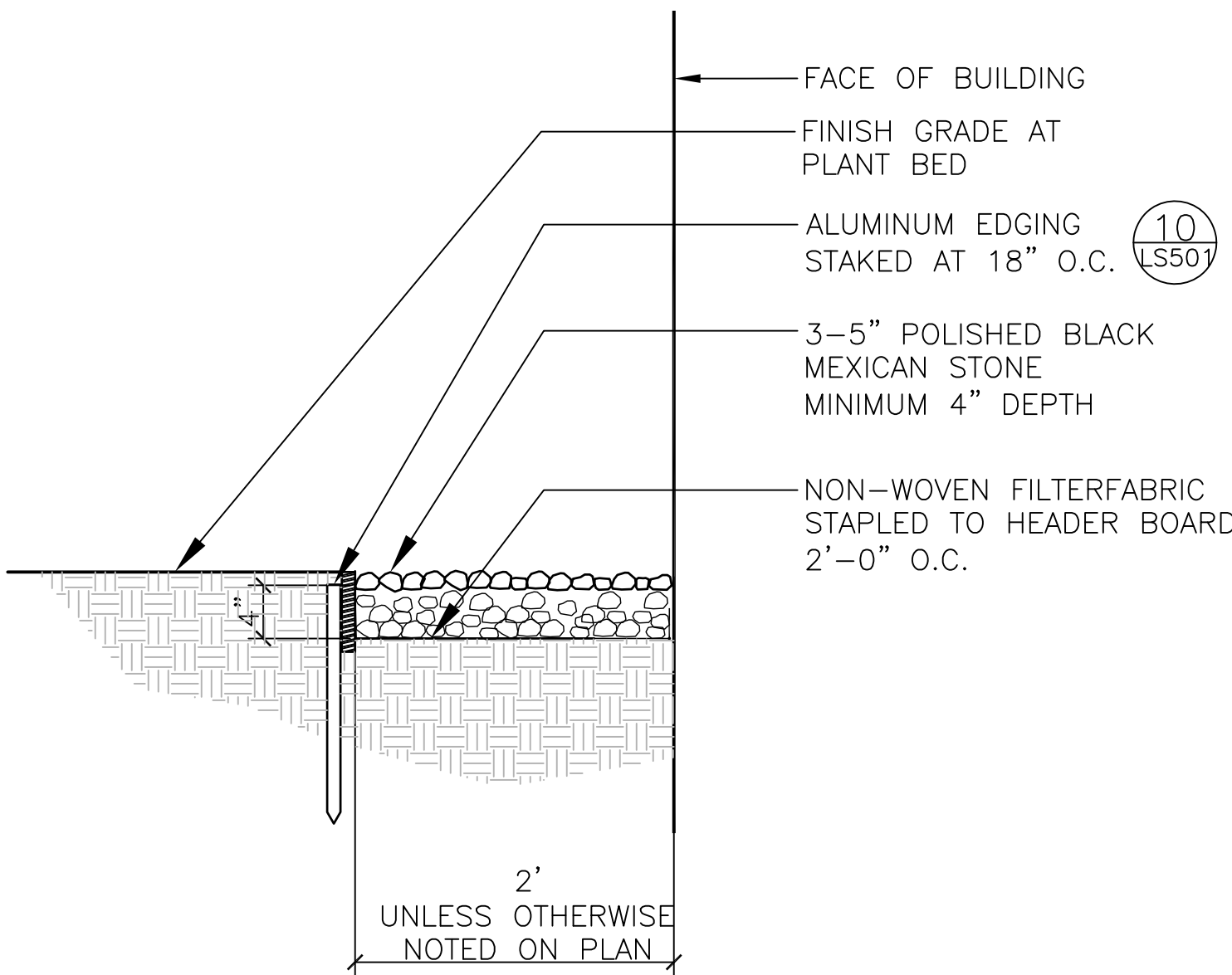


**1 CONCRETE SIDEWALK, TYP.**  
1"=1'-0"

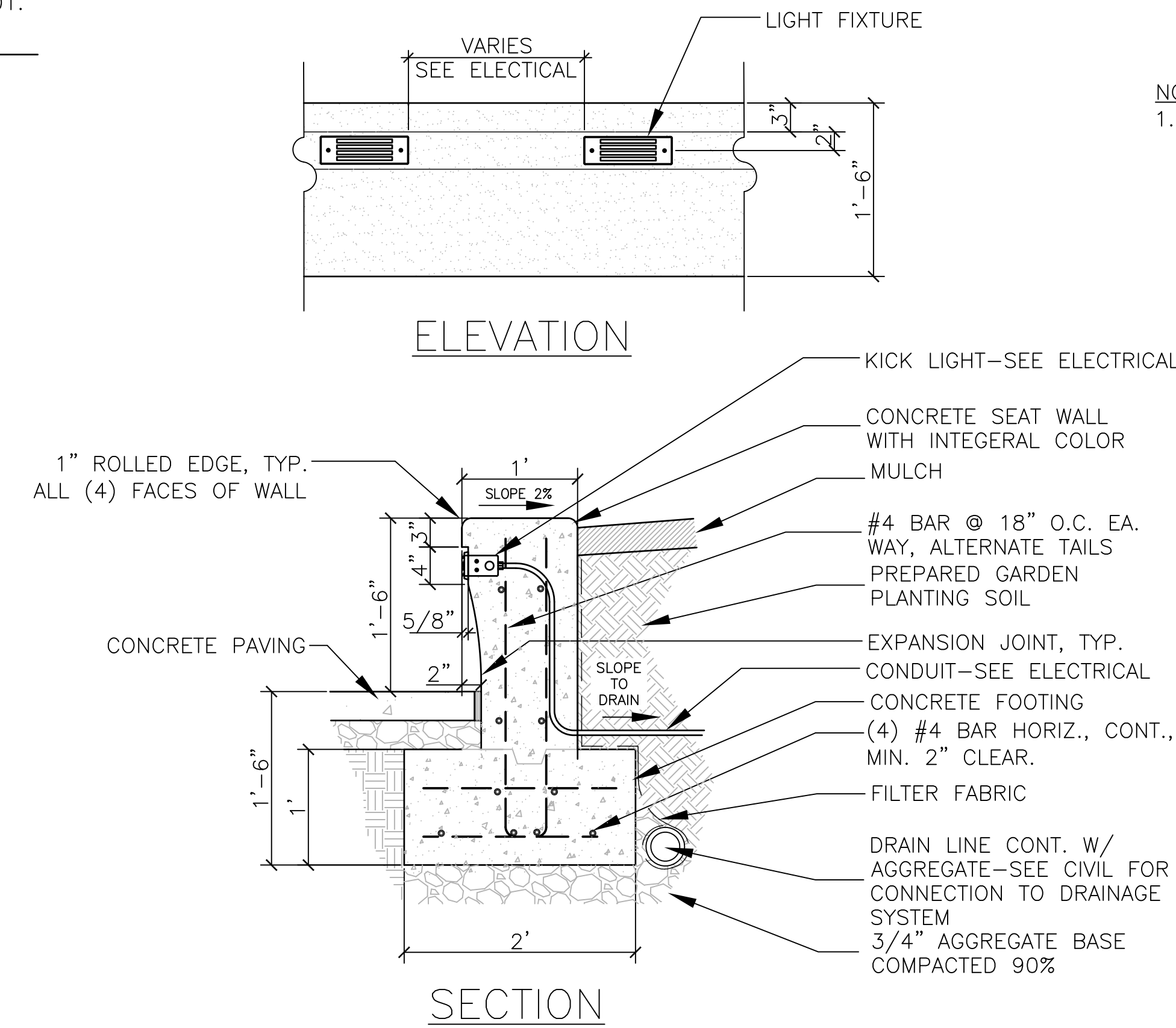


- NOTES:**
- PROVIDE VERTICAL EXPANSION JOINTS IN WALL. ALIGN JOINTS WITH CONCRETE PAVING EXPANSION JOINTS.
  - SEE GRADING ENLARGEMENT PLAN, FOR TOP AND BOTTOM WALL ELEVATIONS.
  - PROVIDE SMOOTH SACKED FINISH TO ALL EXPOSED WALL SURFACES.
  - INTEGRAL COLOR TO BE SELECTED BY LANDSCAPE ARCHITECT.
  - TOP OF WALL ELEVATION TO REMAIN CONSTANT. DO NOT SLOPE TOP OF WALL WITH GRADE.
  - SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

**4 CONCRETE SEATWALL**  
1"=1'-0"

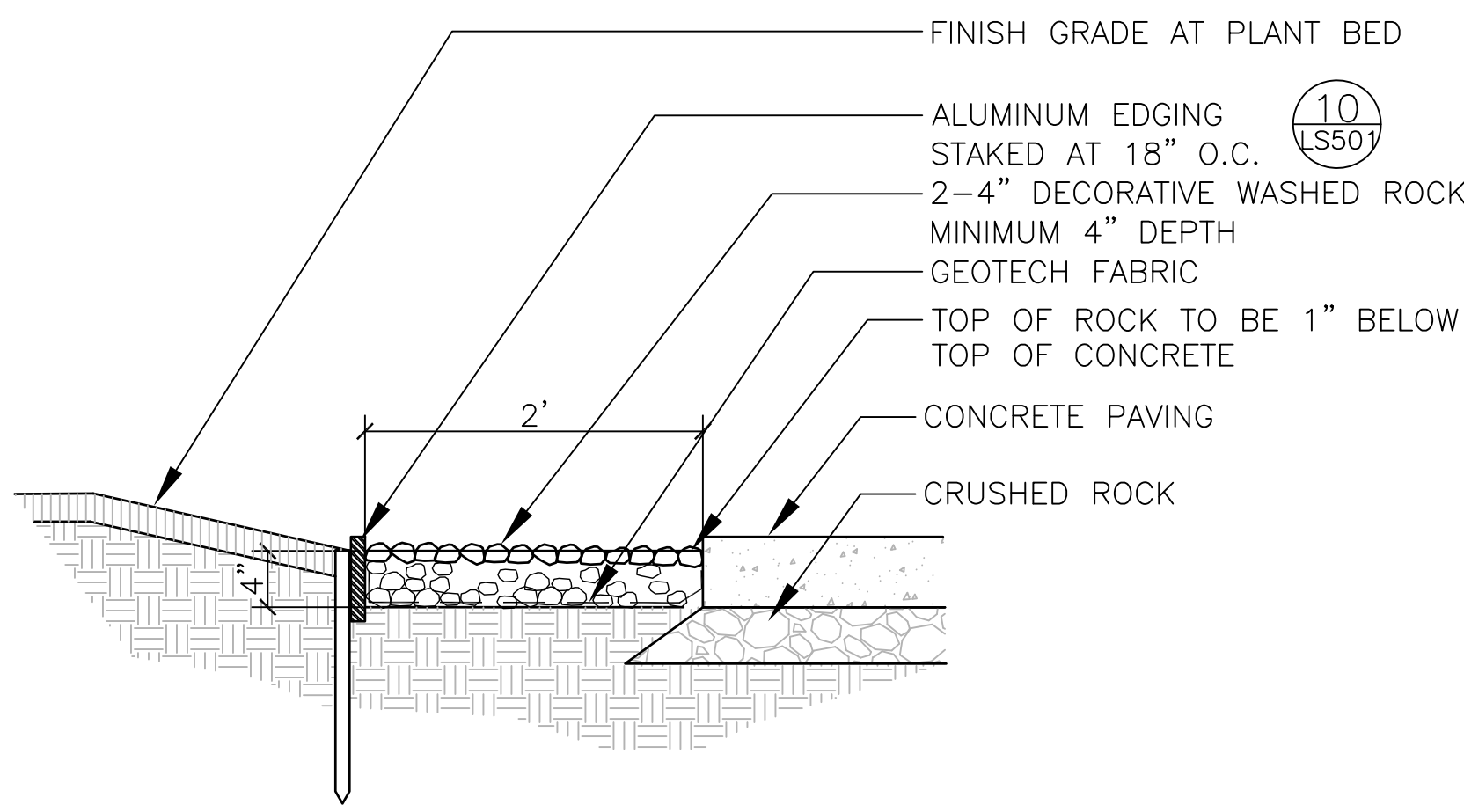


**8 DECORATIVE RIVER ROCK GALLERY, TYP.**  
1"=1'-0"

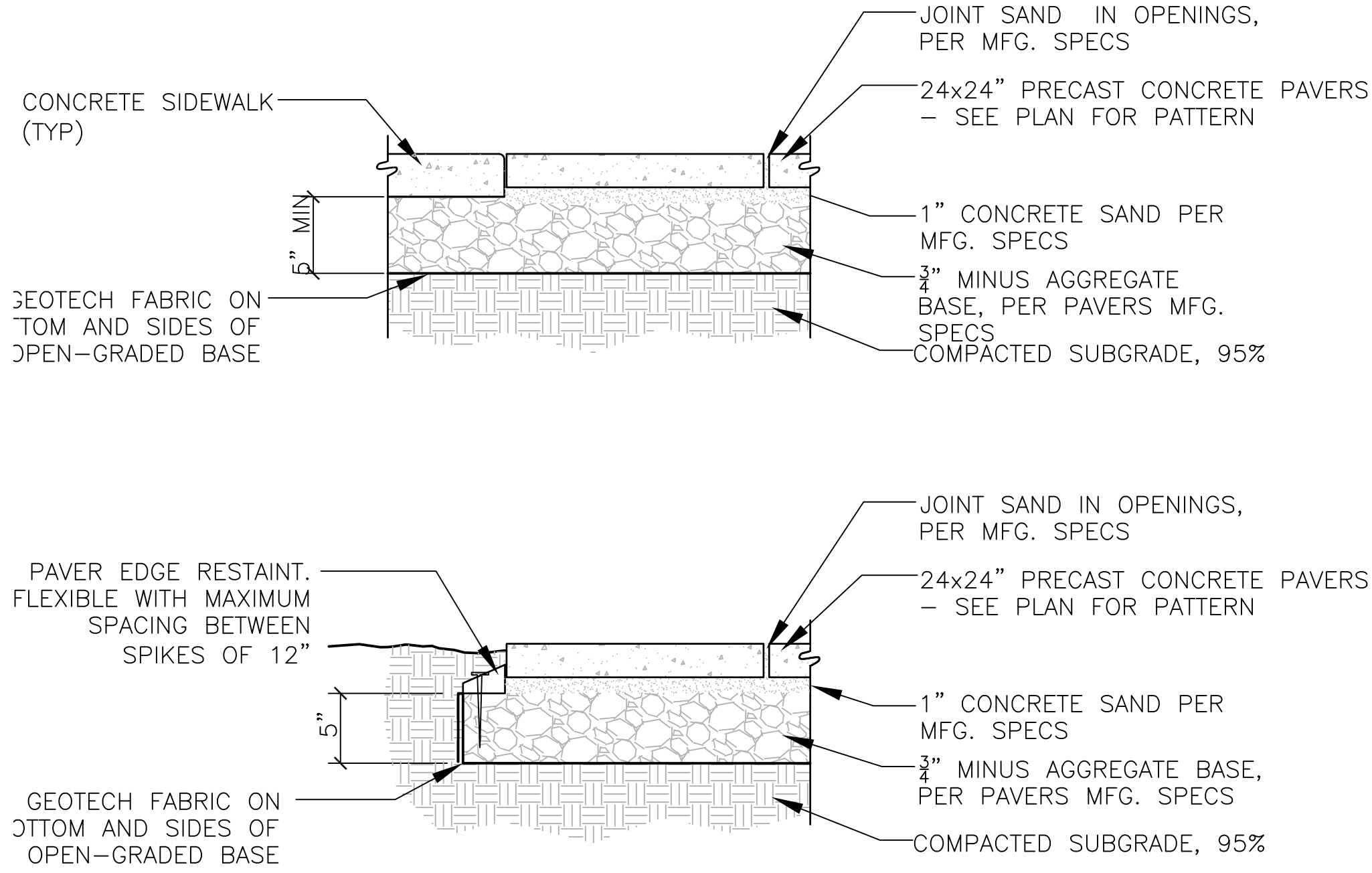


- NOTES:**
- PROVIDE VERTICAL EXPANSION JOINTS IN WALL. ALIGN JOINTS WITH CONCRETE PAVING EXPANSION JOINTS.
  - SEE GRADING ENLARGEMENT PLAN, FOR TOP AND BOTTOM WALL ELEVATIONS.
  - PROVIDE SMOOTH SACKED FINISH TO ALL EXPOSED WALL SURFACES.
  - INTEGRAL COLOR TO BE SELECTED BY LANDSCAPE ARCHITECT.
  - TOP OF WALL ELEVATION TO REMAIN CONSTANT. DO NOT SLOPE TOP OF WALL WITH GRADE.
  - SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

**5 CONCRETE RETAINING SEATWALL**  
1"=1'-0"

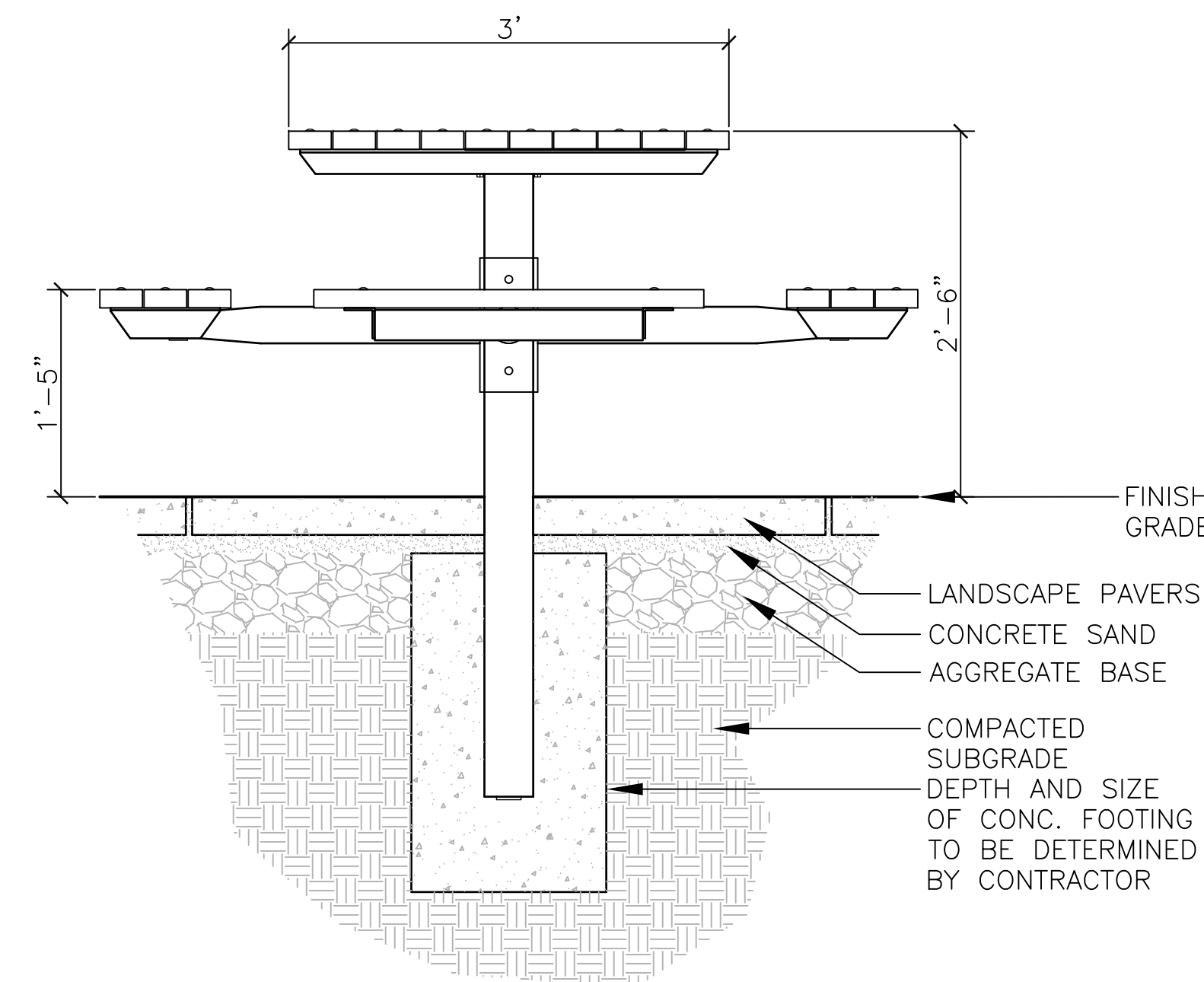


**9 DECORATIVE RIVER ROCK GALLERY AT WALKWAY**  
1"=1'-0"

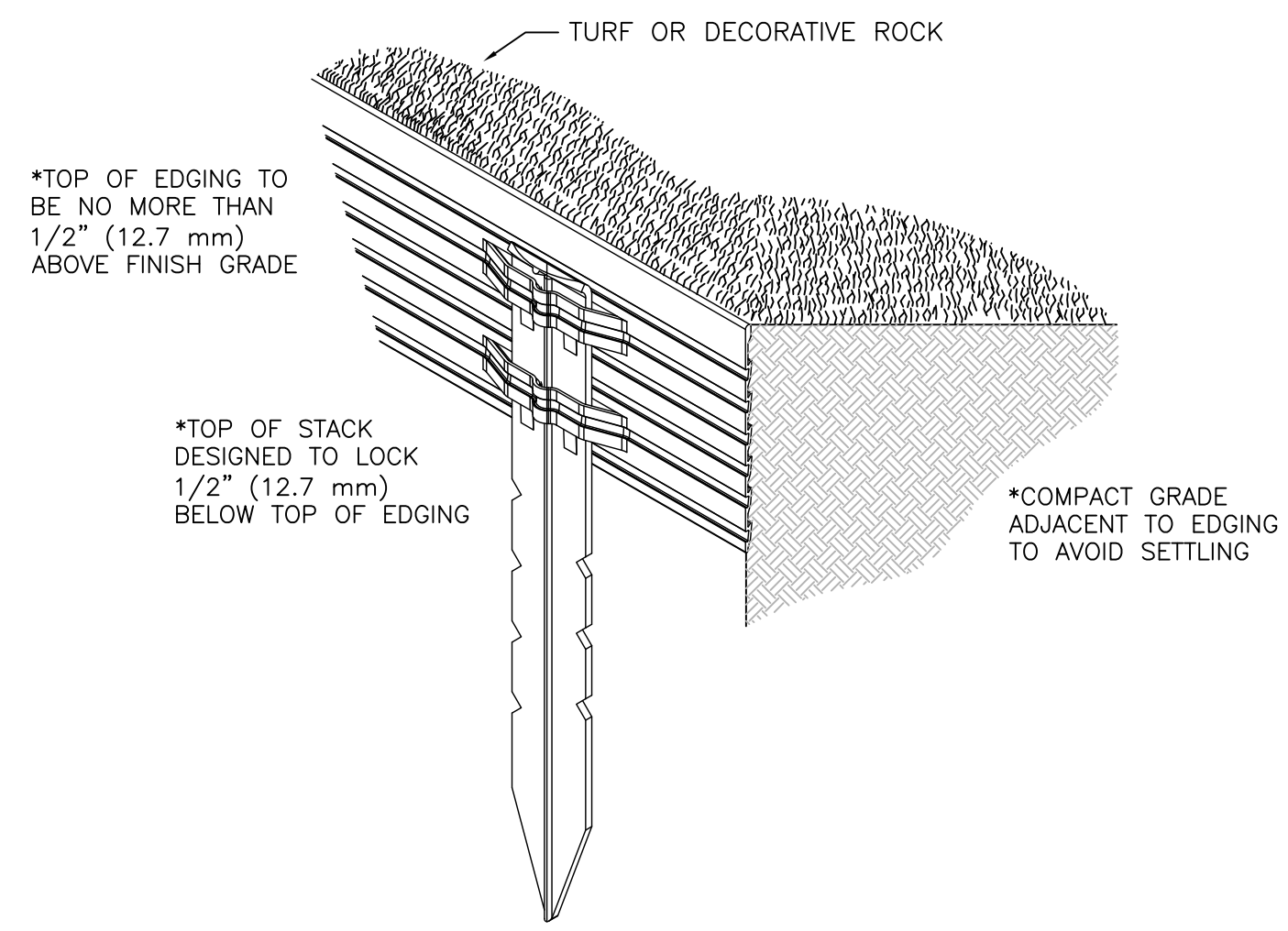


- NOTES:**
- FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS.

**2 LANDSCAPE PAVERS, TYP.**  
1"=1'-0"

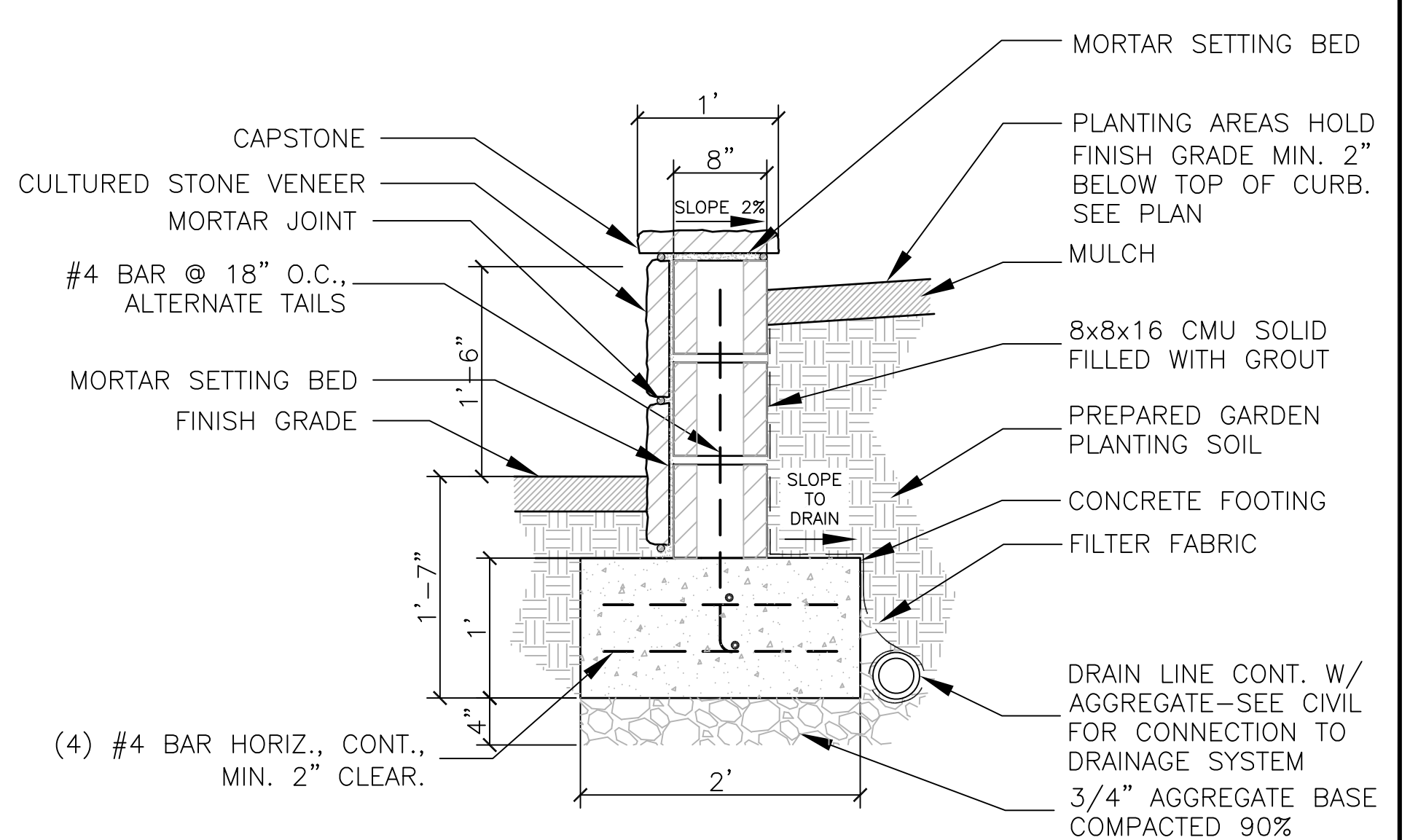


**6 STAFF GARDEN PICNIC TABLE, TYP.**  
1"=1'-0"



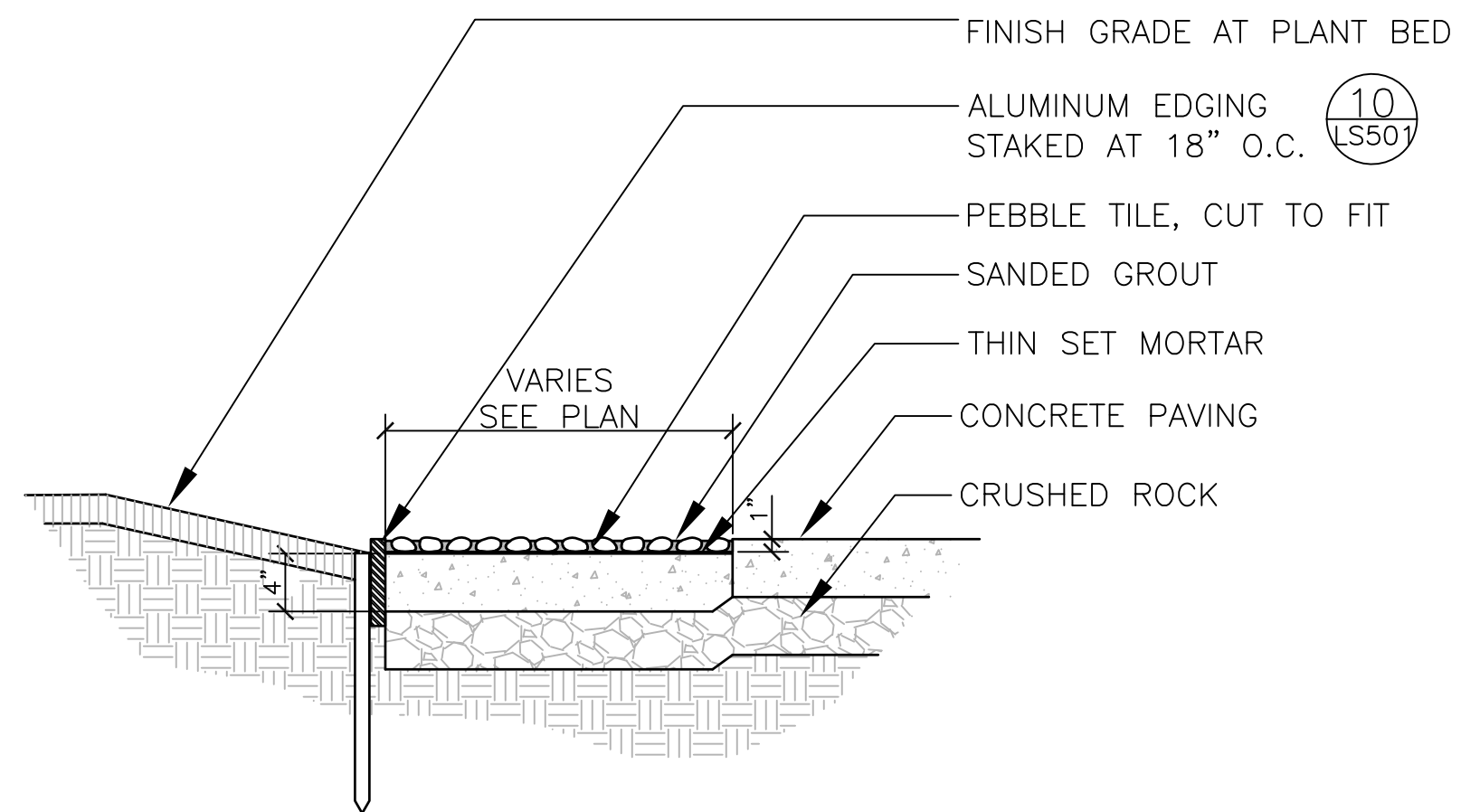
- NOTES:**
- INSTALL ALUMINUM EDGING ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
  - INSTALL ALUMINUM EDGING ALONG ALL PLANT BED/ TURF EDGES AND PLANT BED/ ROCK GALLERY EDGES.
  - DO NOT INSTALL ALUMINUM EDGING WITHIN THE SECURE PATIENT GARDEN.

**10 ALUMINUM EDGING, TYP**  
NTS



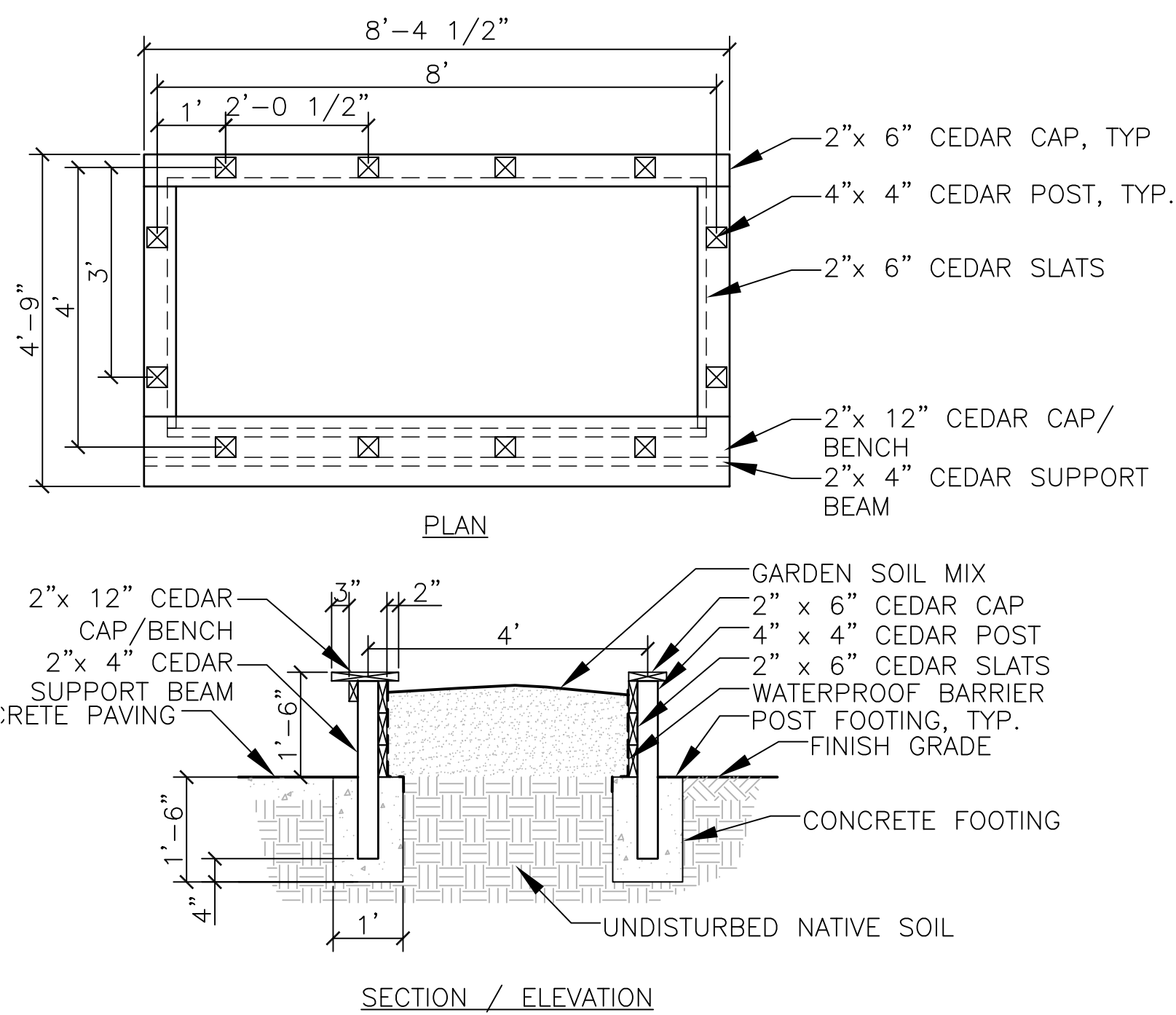
- NOTES:**
- PROVIDE VERTICAL EXPANSION JOINTS IN WALL. ALIGN JOINTS WITH CONCRETE PAVING EXPANSION JOINTS.
  - SEE GRADING ENLARGEMENT PLAN, FOR TOP AND BOTTOM WALL ELEVATIONS.
  - SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

**3 RETAINING WALL W/ STONE FACING**  
1"=1'-0"



- NOTES:**
- INSTALL PEBBLE TILE PER MANUFACTURER INSTRUCTIONS.
  - SEAL ROCKS AND GROUT WITH WATERPROOF SEALER.

**7 DECORATIVE RIVER ROCK WALKWAY**  
1"=1'-0"



- NOTES:**
- SECURE WATERPROOF BARRIER TO SLATS W/ GALVANIZED NAILS 8" O.C.
  - SEAL ALL EXPOSED WOOD SURFACES AS DIRECTED BY OWNER PRIOR TO INSTALLING SOIL INTO PLANTER

**11 RAISED CEDAR PLANK PLANTER**  
1/2"=1'-0"

Revisions	Date

CONSULTANT

STAMP

ARCHITECT

Drawing Title  
**LANDSCAPE SITE FEATURE DETAILS**

Approved: Project Director

Project Title  
**SEISMIC REPLACEMENT BLDG 2  
PHASE 1 MINOR  
ACUTE PSYCHIATRIC WARD**

Location  
**ROSEBURG, OREGON**

Date  
**30 APR 2012**

Checked  
**LMB**

Drawn  
**BR**

VA Project Number  
**653-322**

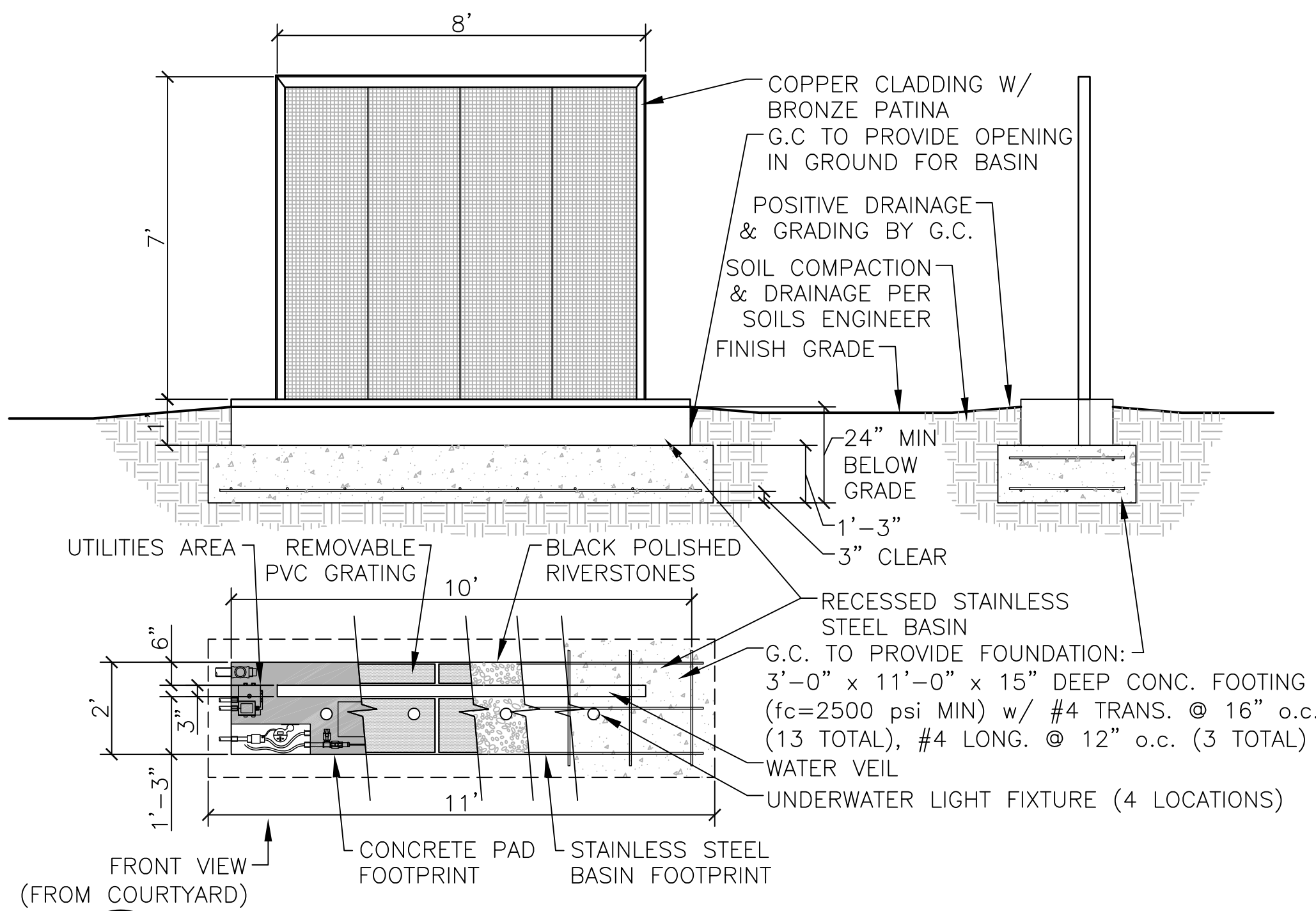
Building Number  
**086**

Sheet Number  
**LS-501**

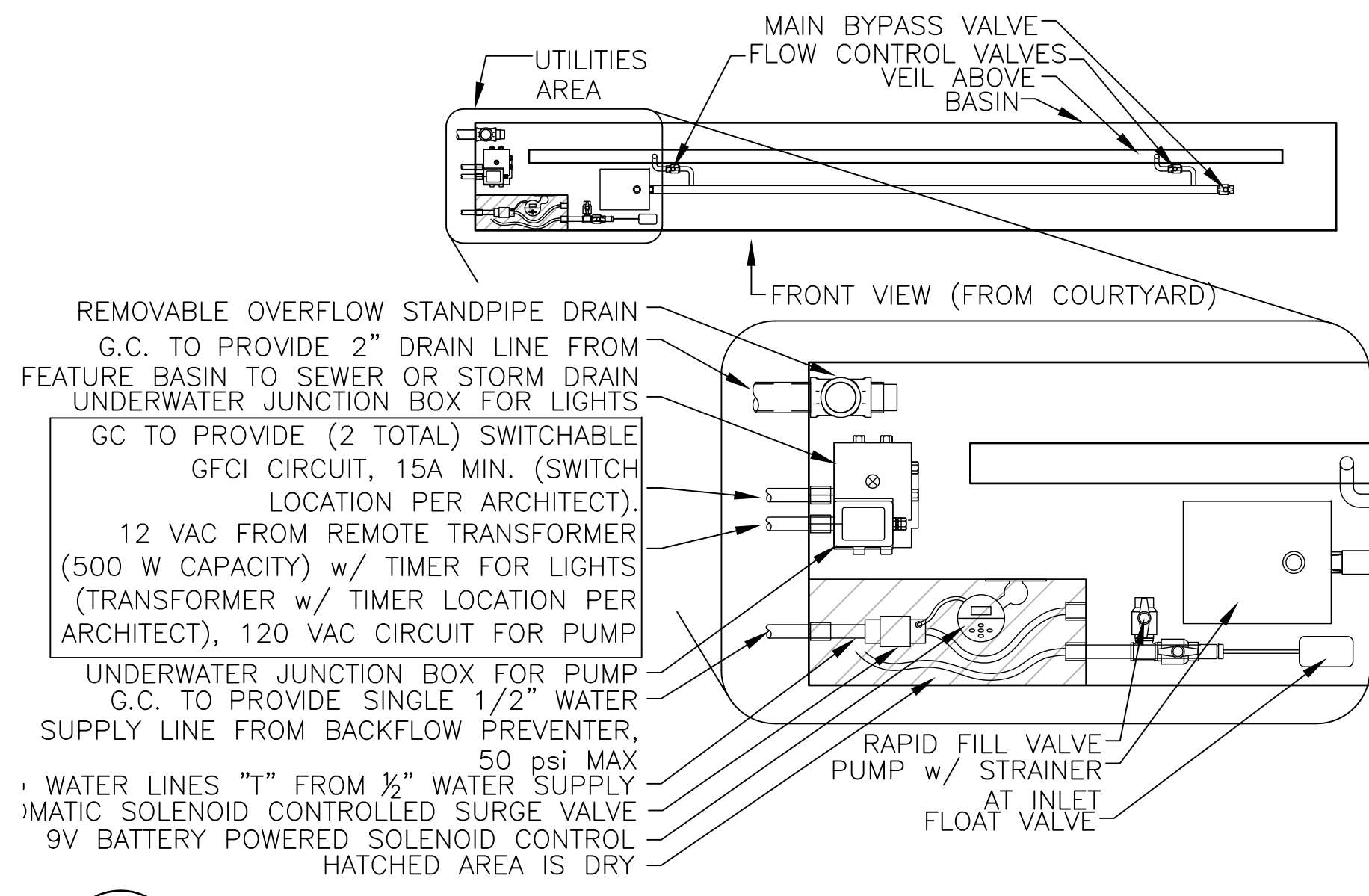
OFFICE OF  
CONSTRUCTION  
AND FACILITIES  
MANAGEMENT

Department of  
Veterans Affairs

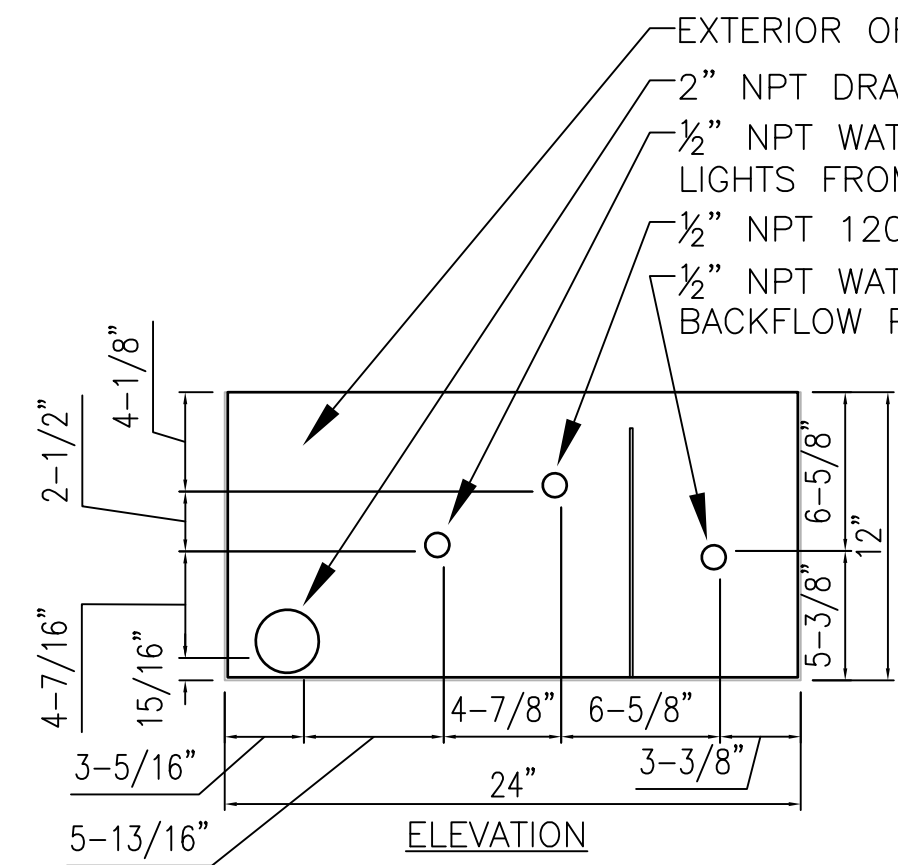




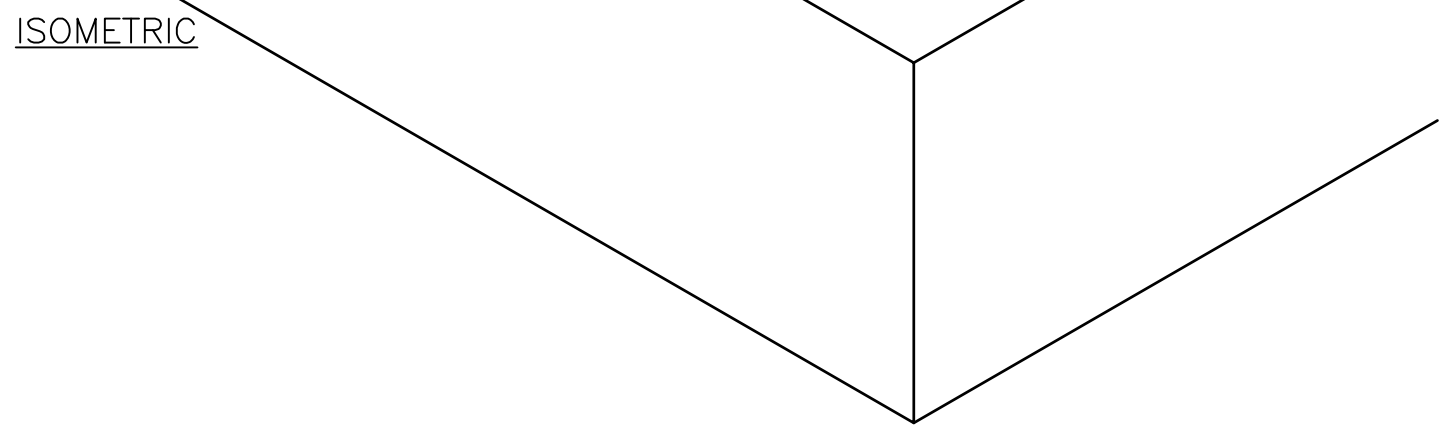
1 WATER VEIL WATER FEATURE  
3/8"=1'-0"



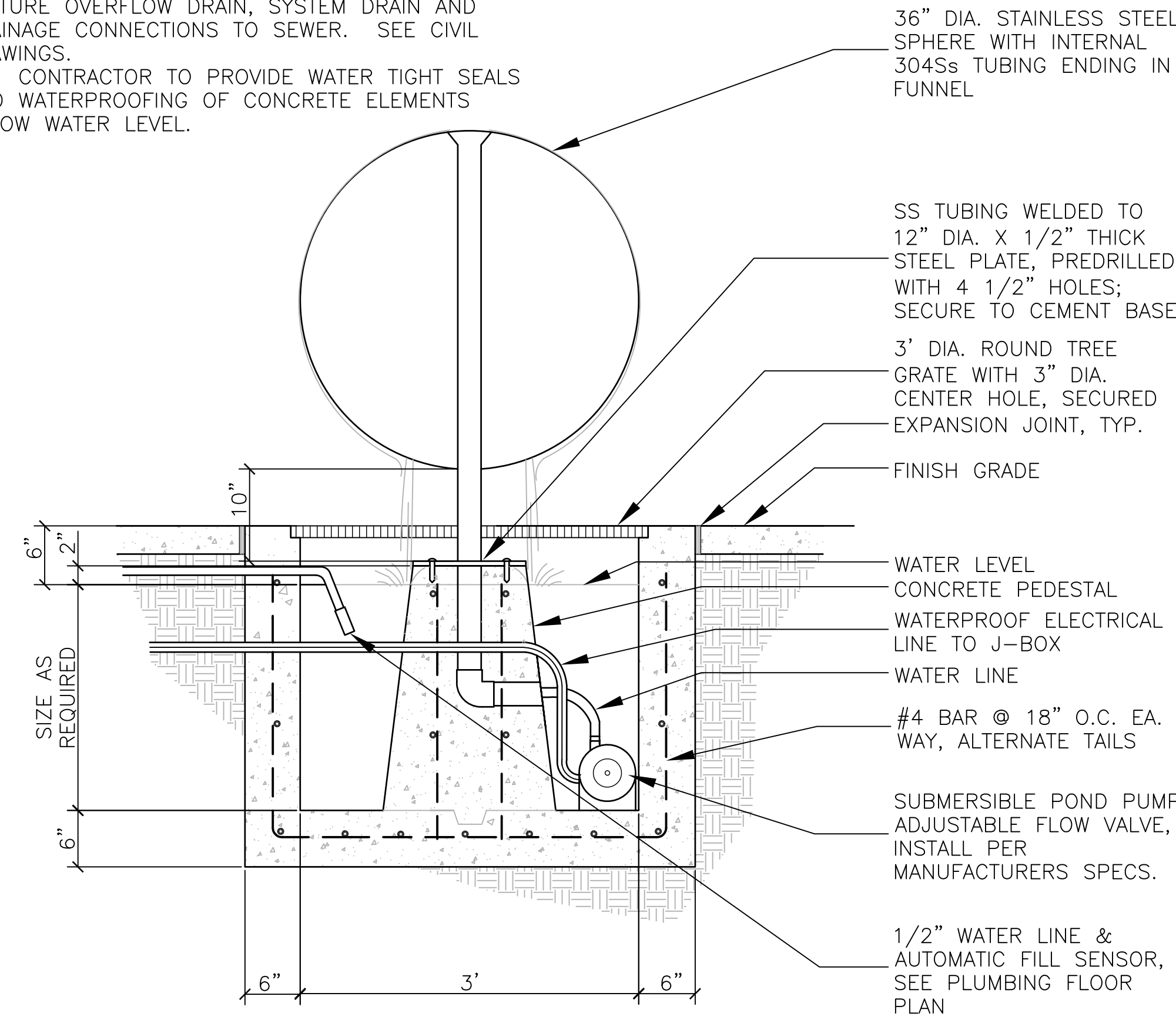
2 WATER VEIL UTILITIES PLAN  
3/8"=1'-0"



3 WATER VEIL UTILITY CONNECTION LOCATIONS  
1-1/2"=1'-0"



NOTES  
1. CONTRACTOR TO PROVIDE AND INSTALL WATER FEATURE OVERFLOW DRAIN, SYSTEM DRAIN AND DRAINAGE CONNECTIONS TO SEWER. SEE CIVIL DRAWINGS.  
2. CONTRACTOR TO PROVIDE WATER TIGHT SEALS AND WATERPROOFING OF CONCRETE ELEMENTS BELOW WATER LEVEL.



4 STAINLESS STEEL SPHERE WATER FEATURE  
1"=1'-0"

Revisions	Date	CONSULTANT	STAMP	ARCHITECT	Drawing Title	Project Title	VA Project Number	Office of Construction and Facilities Management
					LANDSCAPE WATER FEATURES DETAILS	SEISMIC REPLACEMENT BLDG 2 PHASE 1 MINOR ACUTE PSYCHIATRIC WARD	653-322	OFFICE OF CONSTRUCTION AND FACILITIES MANAGEMENT  Department of Veterans Affairs
					Approved: Project Director	Location ROSEBURG, OREGON	Building Number 086	
						Date 30 APR 2012	Sheet Number LS-502	
						Checked LMB	Drawn BR	



A

A

B

B

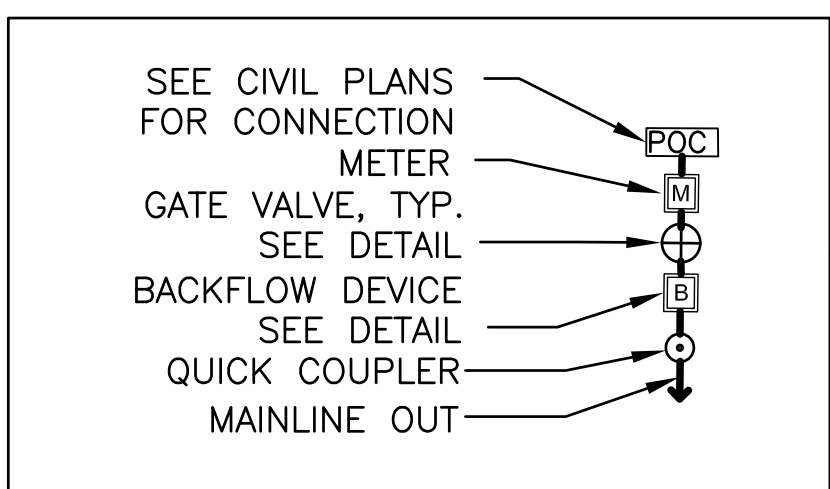
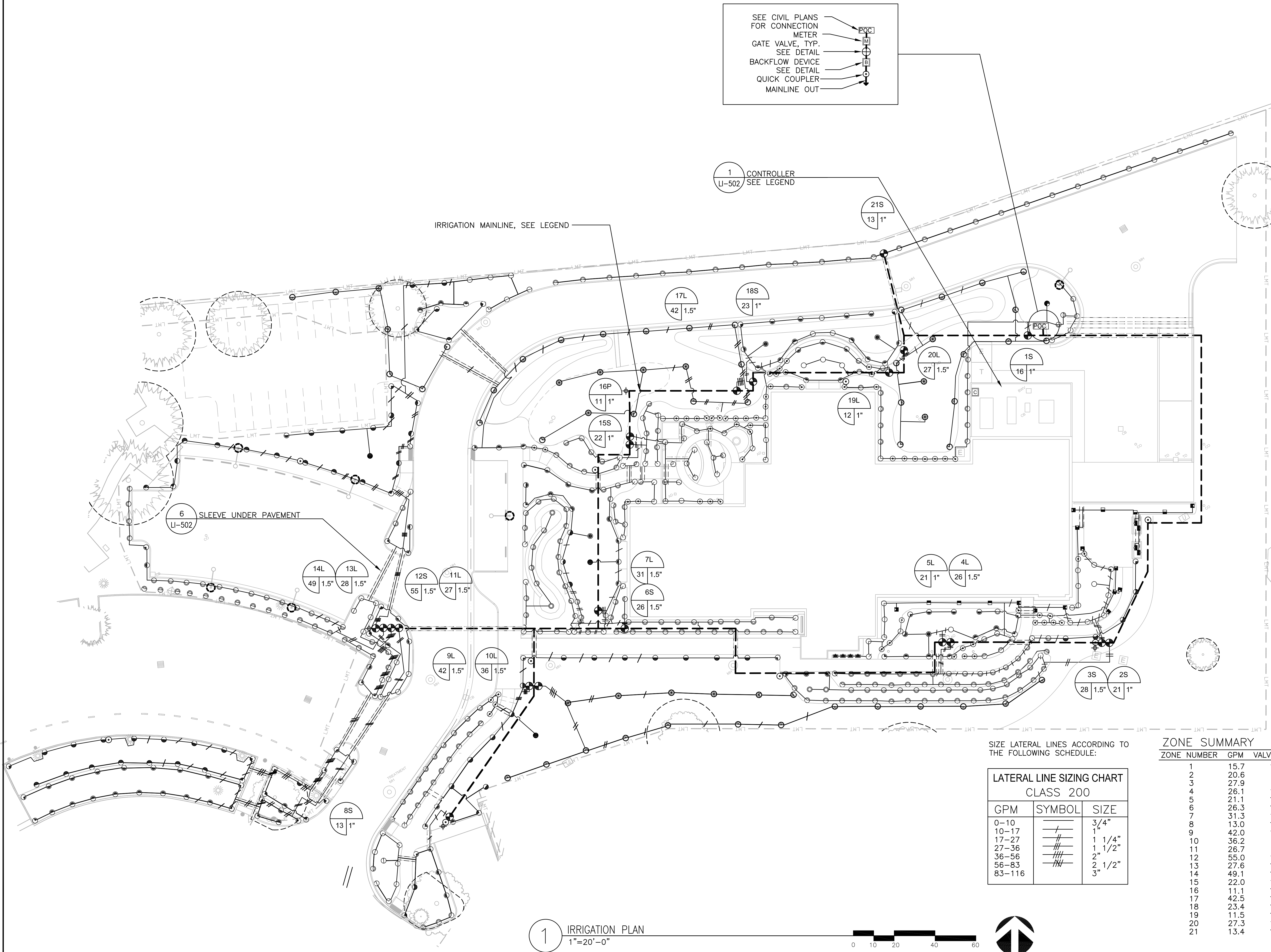
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C

D

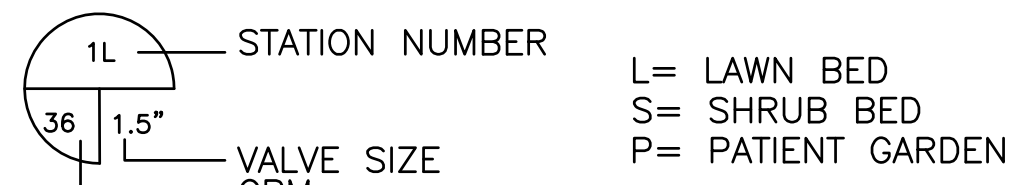
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IRRIGATION LEGEND

- RAINBIRD ESP-LX MODULAR CONTROLLER (24 STATIONS) W/ ET MANAGER CARTRIDGE
- 2" WATER METER
- POINT OF CONNECTION
- DOUBLE CHECK VALVE ASSEMBLY
- SHUT-OFF VALVE
- QUICK COUPLING VALVE (RAINBIRD or APPROVED EQUAL)
- DRAIN VALVE
- GATE VALVE
- RAINBIRD PESB-PRS-D, REMOTE CONTROL VALVE SEE PLAN FOR SIZES
- 4" CLASS 200 PVC SLEEVE
- 2" SCHEDULE 40 MAIN LINE
- CLASS 200 PVC LATERAL LINE - SIZE PER SIZING CHART



SPRAY HEAD LEGEND

MODEL #	DESCRIPTION	OPTIMAL OPERATING PRESSURE
ALL SPRAYHEADS TO BE INSERTED ONTO RAINBIRD 1806 POPUPS		
90	RAINBIRD 05 SERIES MPR	30 PSI
180		
360		
90	RAINBIRD 08 SERIES MPR	30 PSI
120		
180		
360		
90	RAINBIRD 10 SERIES MPR	30 PSI
120		
180		
360		
90	RAINBIRD U12 SERIES	30 PSI
120		
180		
240		
270		
360		
90	RAINBIRD U15 SERIES	30 PSI
120		
180		
240		
270		
360		
90	RAINBIRD R17-24 SERIES	30 PSI
120		
180		
240		
270		
360		
90	RAINBIRD 15 STRIP SERIES	30 PSI
SST		
	RAINBIRD SQUARE SERIES -	30 PSI
	SQ HLF SET AT 2.5' THROW	
	SQ HLF SET AT 4' THROW	

NOTE: ALL COMPONENTS SPECIFIED HERE ARE ONLY SUGGESTED COMPONENTS AND MAY BE REPLACED WITH AN APPROVED SUBSTITUTION.

IRRIGATION NOTES

- CONTRACTOR SHALL REFER TO IRRIGATION SPECIFICATIONS AND DETAILS FOR ADDITIONAL REQUIREMENTS.
- LOCATION OF IRRIGATION MAINLINE, LATERALS AND SLEEVING ARE DIAGRAMMICAL ONLY, AND SHALL OCCUR IN PLANTING AREAS UNLESS SLEEVING IS SHOWN. MAKE MINOR CHANGES TO COORDINATE WITH ACTUAL AS-BUILT CONDITIONS AND DIMENSIONS.
- LOCATE CONTROLLER IN APPROXIMATE LOCATION SHOWN. VERIFY WITH ARCHITECT. WALL MOUNT CONTROLLER AT EYE LEVEL. PROVIDE SEPARATE 15 AMP CIRCUIT AND 120 V.A.C. POWER TO CONTROLLER. PROVIDE 1" CONDUIT FROM CONTROLLER TO NEAREST PLANTING AREA AS SHOWN. EXTEND 24" INTO PLANTING AREA, 18" BELOW GRADE, CAP AND FLAG.
- ADJUST ALL IRRIGATION HEADS TO PROVIDE MAXIMUM COVERAGE, MINIMUM OVERSPRAY AND NO FOGGING. SET ALL HEADS BACK FROM CURBS, PAVING AND WALLS.
- INSTALL VAN NOZZLES ONLY ON HEADS WHICH NEED A SPECIFIC RADIUS NOT PROVIDED BY RAINBIRD TO MINIMIZE OVERSPRAY ONTO WALKS.
- CONTRACTOR TO INSTALL ALL SPRAY HEADS IN ZONE #16, THE PATIENT SECURE GARDEN, ON 12" RISERS. CONTRACTOR TO ENSURE SCHEDULING OF THIS VALVE TO ONLY COME ON AT NIGHT WHEN GARDEN IS NOT AVAILABLE TO PATIENTS.

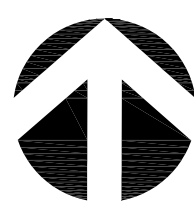
SIZE LATERAL LINES ACCORDING TO THE FOLLOWING SCHEDULE:

LATERAL LINE SIZING CHART		
CLASS 200		
GPM	SYMBOL	SIZE
0-10	/	3/4"
10-17	//	1"
17-27	///	1 1/4"
27-36	////	1 1/2"
36-56	/////	2"
56-83	//////	2 1/2"
83-116	////////	3"

ZONE SUMMARY

ZONE NUMBER	GPM	VALVE SIZE
1	15.7	1"
2	20.6	1"
3	27.9	1-1/2"
4	26.1	1-1/2"
5	21.1	1"
6	26.3	1-1/2"
7	31.3	1-1/2"
8	13.0	1"
9	42.0	1-1/2"
10	36.2	1-1/2"
11	26.7	1-1/2"
12	55.0	1-1/2"
13	27.6	1-1/2"
14	49.1	1-1/2"
15	22.0	1"
16	11.1	1"
17	42.5	1-1/2"
18	23.4	1"
19	11.5	1"
20	27.3	1-1/2"
21	13.4	1"

1 IRRIGATION PLAN  
1"=20'-0"

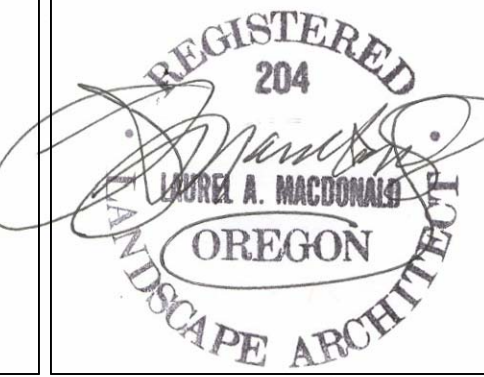


Revisions	Date

CONSULTANT



STAMP



ARCHITECT

Tina Ely architect  
2915 Wingate Street / Eugene, OR 97408  
541.521.2477 / Tina.Ely@comcast.net

Drawing Title  
IRRIGATION PLAN

Approved: Project Director

Project Title  
SEISMIC REPLACEMENT BLDG 2  
PHASE 1 MINOR  
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Location  
ROSEBURG, OREGON

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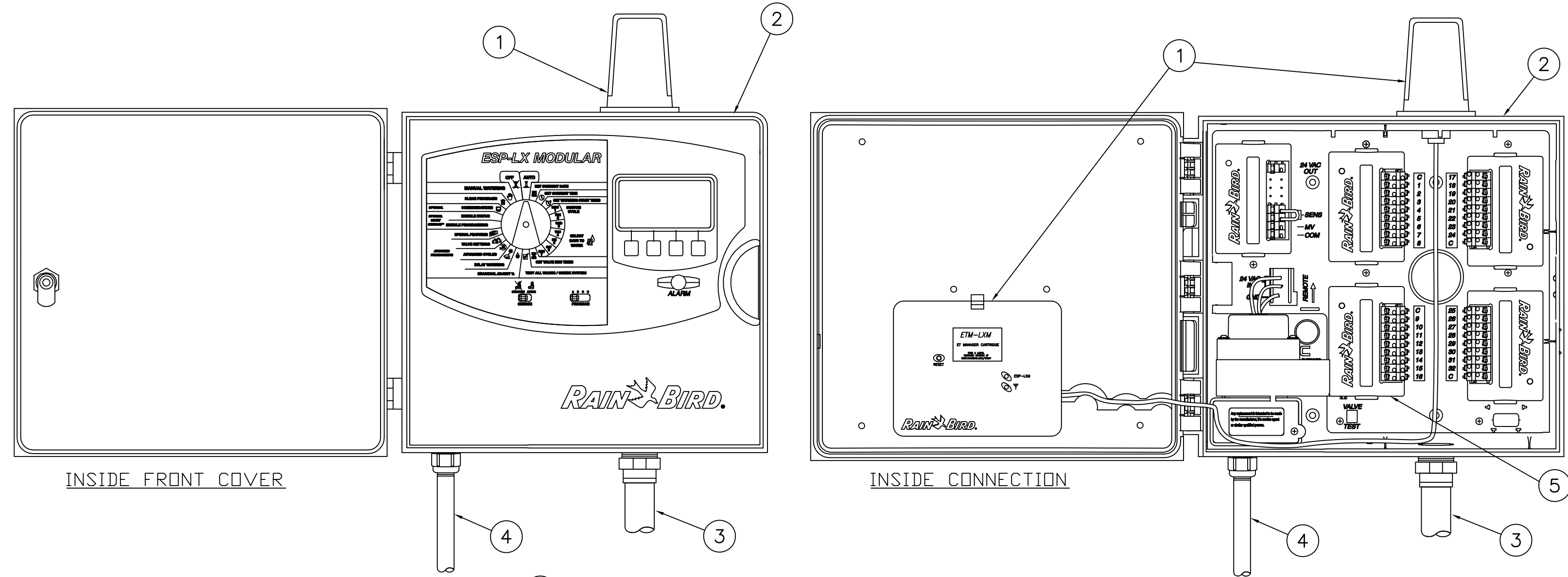
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086

Sheet Number  
LI-101

OFFICE OF  
CONSTRUCTION  
AND FACILITIES  
MANAGEMENT



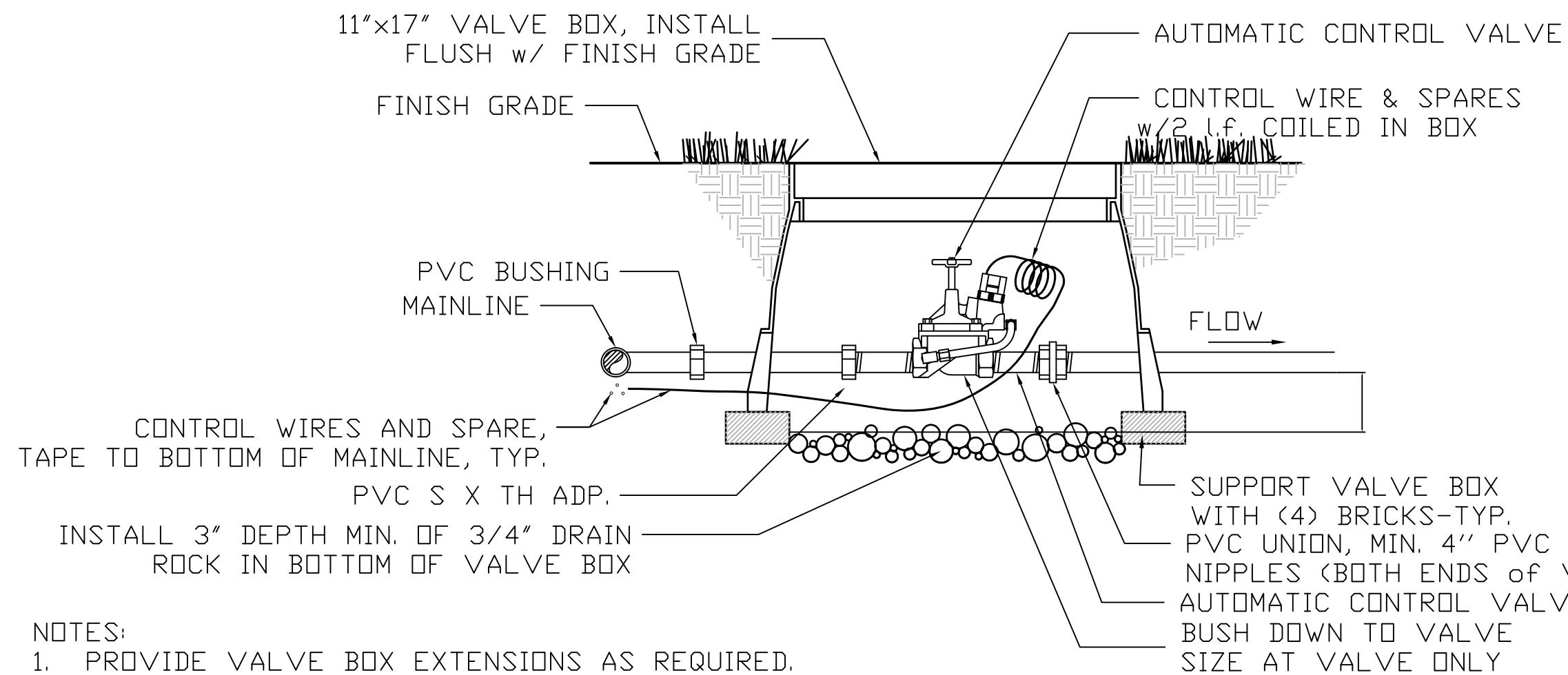




- 1 RAIN BIRD ET MANAGER CARTRIDGE  
2 MODULAR HYBRID CONTROLLER WITH ET MANAGER CARTRIDGE.  
RAIN BIRD LXMM POWDER COATED METAL CABINET  
3 1-1/2 INCH PVC SCH 40 CONDUIT AND FITTINGS  
4 1-INCH PVC SCH 40 CONDUIT TO POWER SUPPLY  
5 BASE MODEL IS 8 STATION. OPTIONAL MODULES FOR 32  
STATION CONTROLLER ARE SHOWN

## 1 ESP-LX MODULAR CONTROLLER W/ ET MANAGER CARTRIDGE

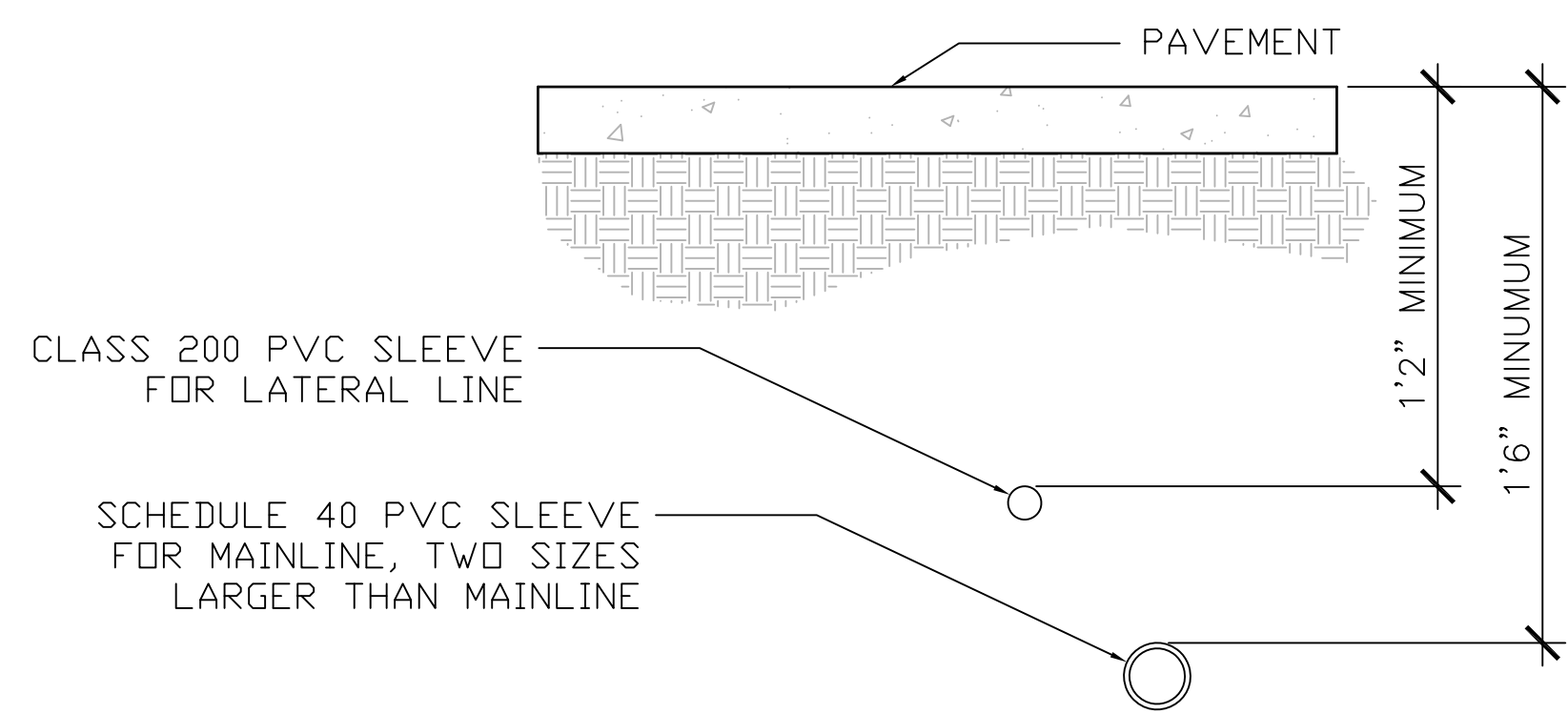
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- NOTES:  
1. PROVIDE VALVE BOX EXTENSIONS AS REQUIRED.

## 3 REMOTE CONTROL VALVE

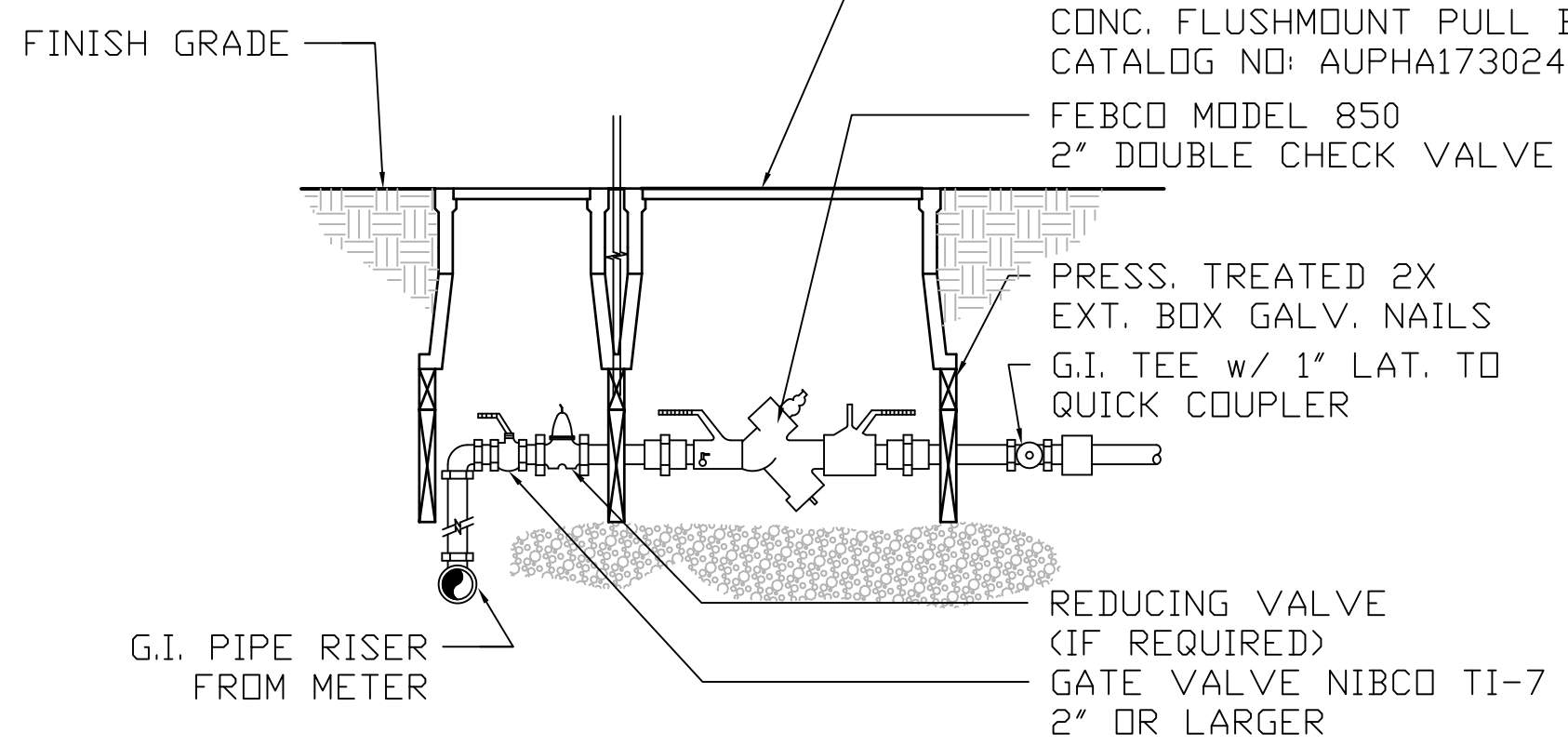
SCALE: NTS



- NOTES:  
1. SLEEVING ON PLANS IS SHOWN DIAGRAMATICALLY. SLEEVES ARE SIDE BY SIDE IN SAME TRENCH AND MAY DIFFER IN ACTUAL FIELD CONDITIONS.  
2. ALL SLEEVES TO EXTEND A MINIMUM OF 12\"/>

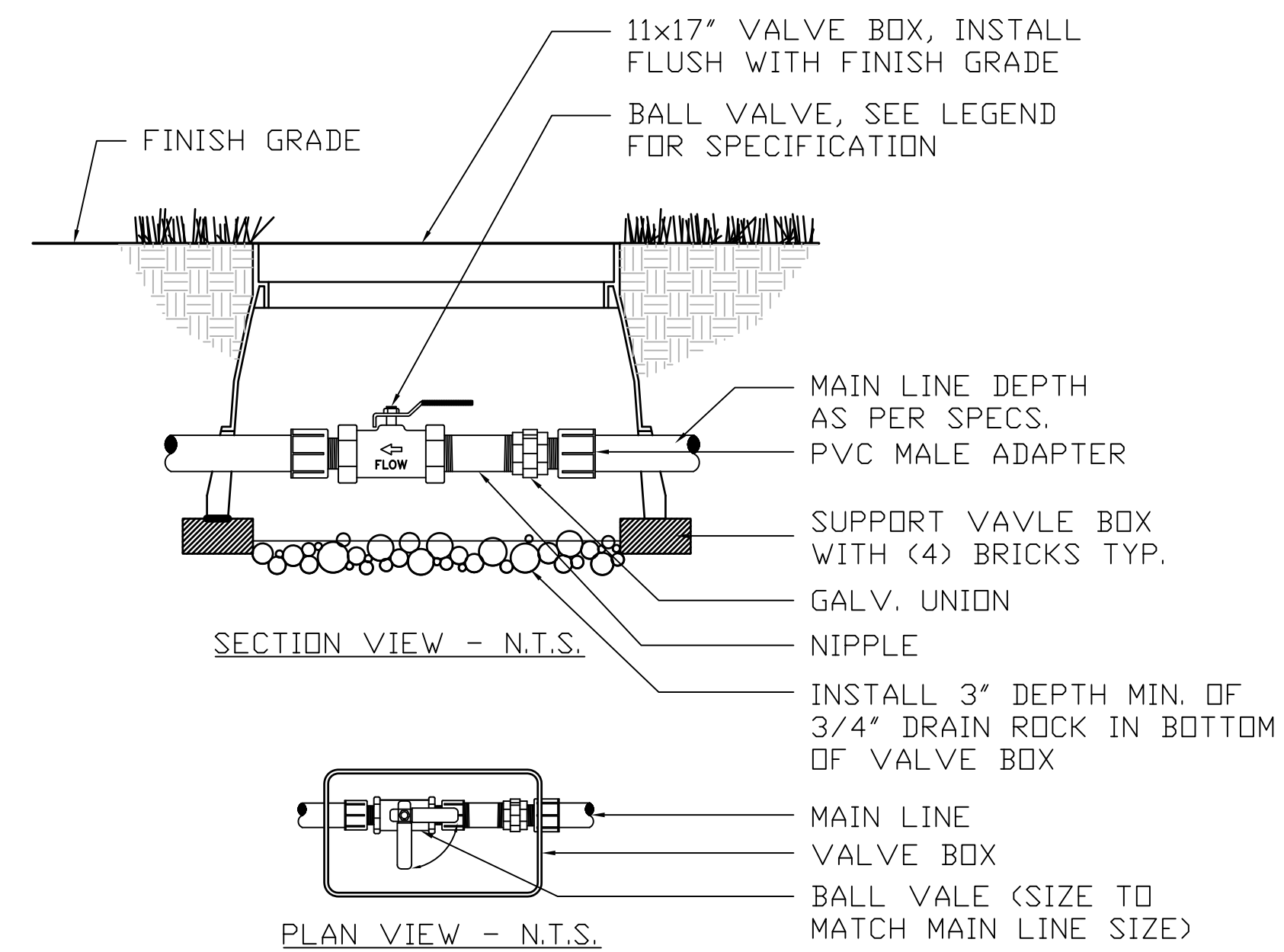
## 6 SLEEVE UNDER PAVEMENT

SCALE: NTS



## 4 DOUBLE CHECK VALVE ASSEMBLY

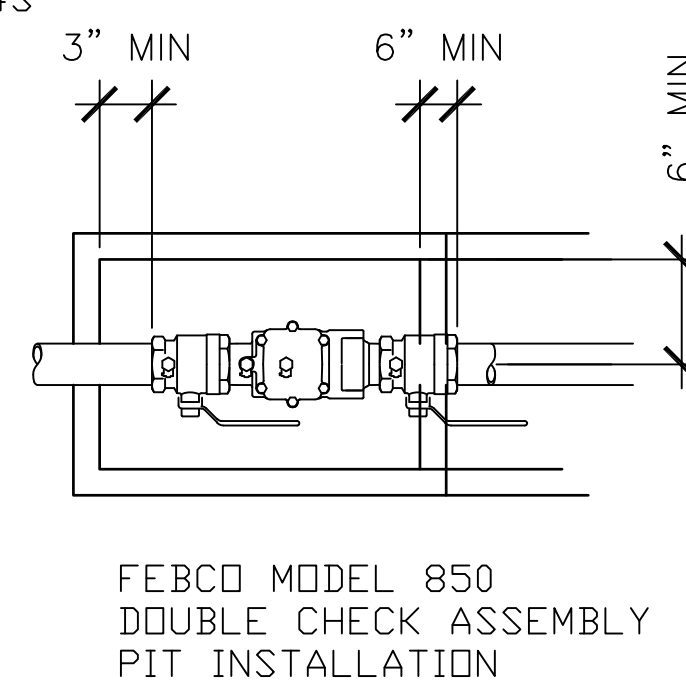
SCALE: NTS



- NOTES:  
BOX TO BE INSTALLED AS TO ALLOW FOR PROPER OPERATION OF BALL VALVE. INSTALL AT RIGHT ANGLE TO HARDSCAPE EDGE, INSTALL VALVE OFF-CENTER IN BOX. INSTALL VALVE BOX EXTENSIONS AS REQUIRED TO ACHIEVE PROPER VALVE INSTALLATION AT MAIN LINE DEPTH.

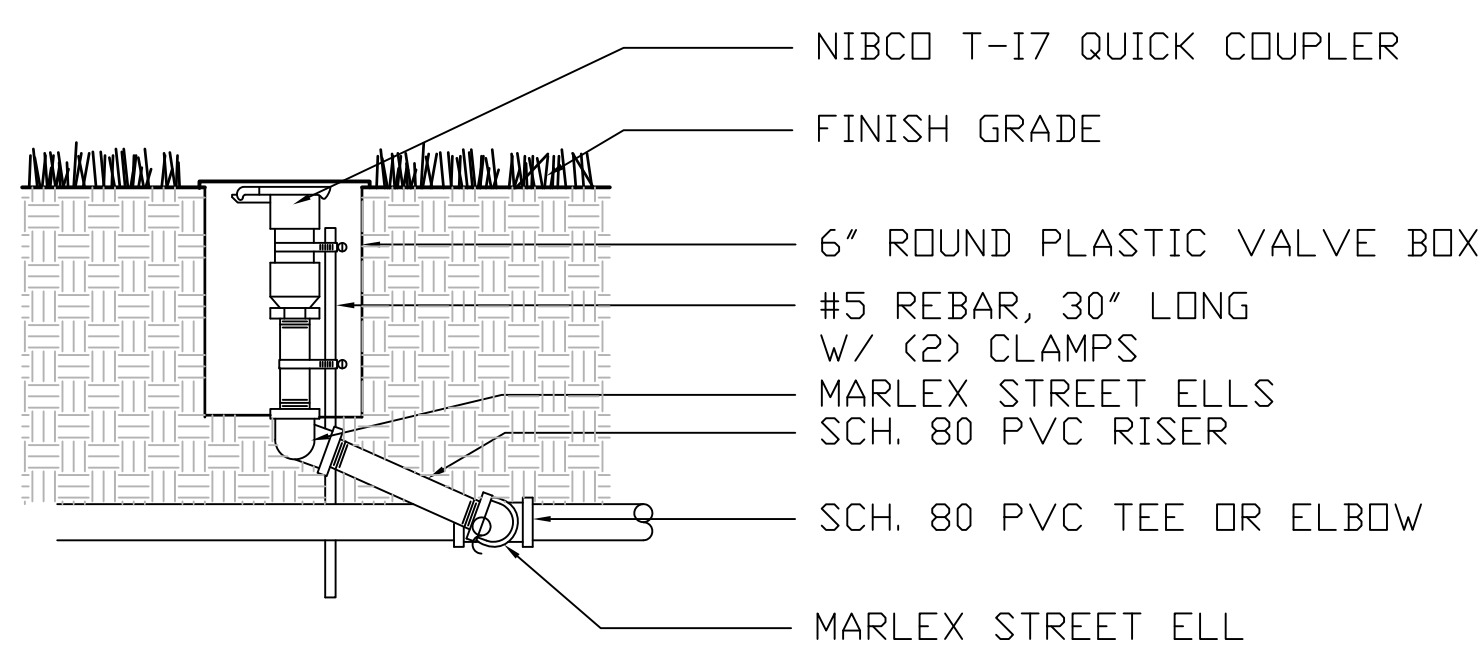
## 2 ISOLATION VALVE

SCALE: NTS



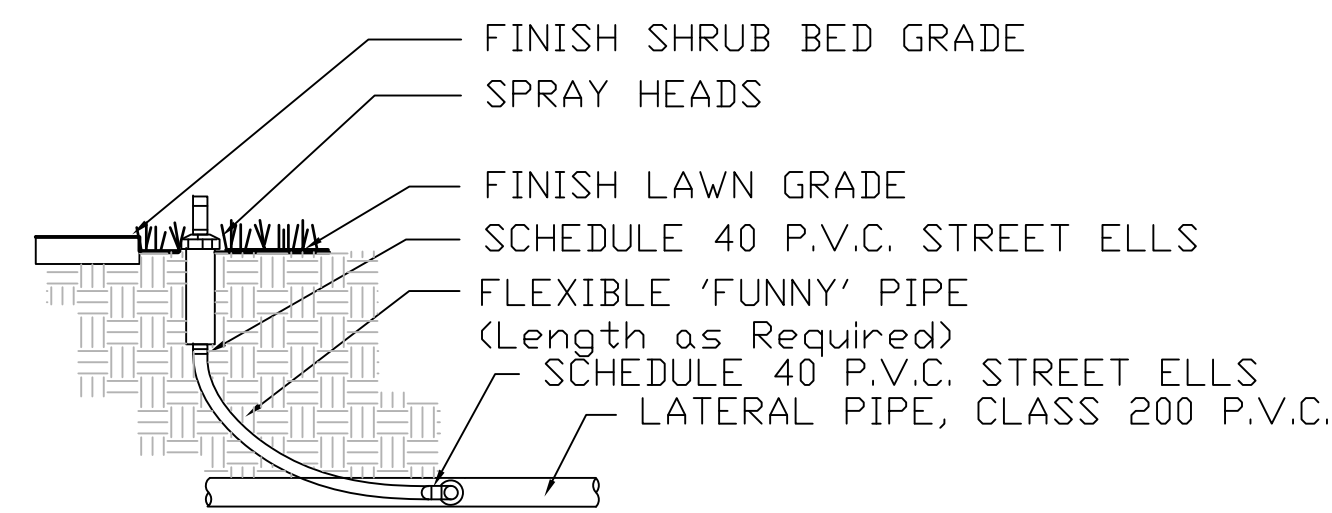
## 5 NOT USED

SCALE: NTS



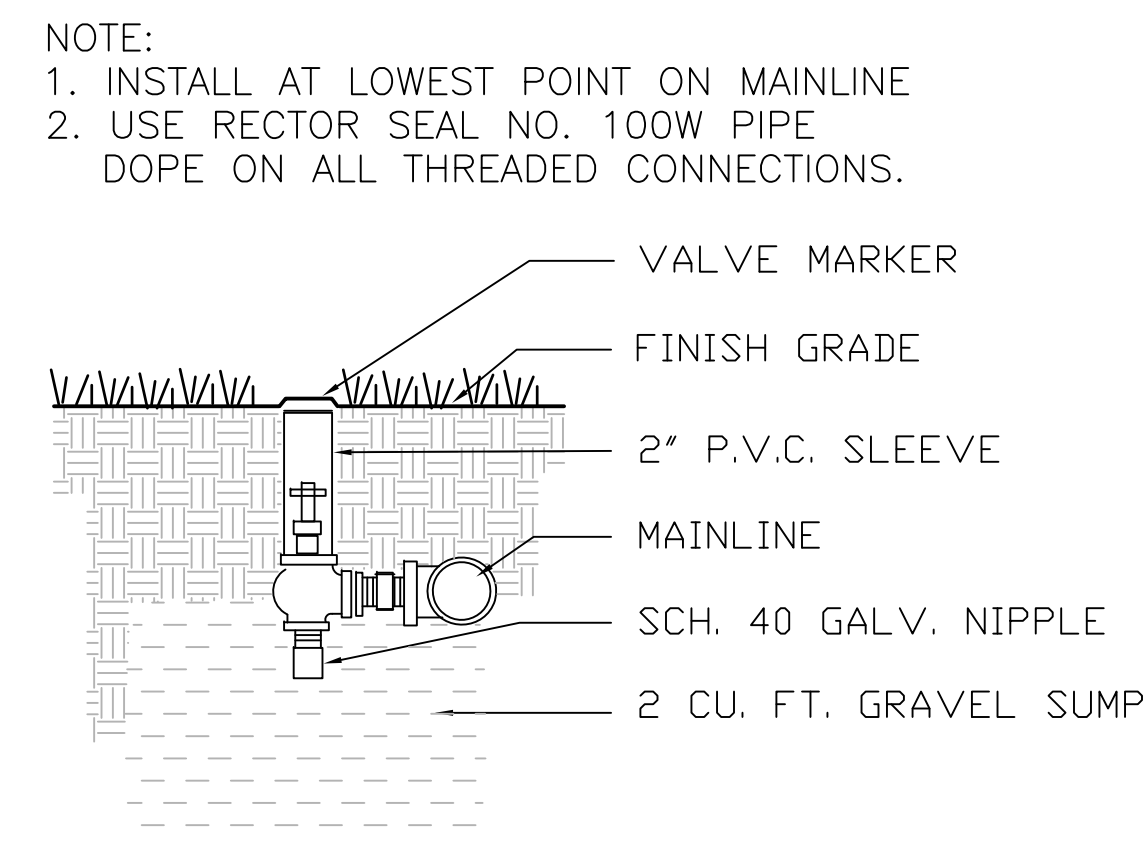
## 7 QUICK COUPLER VALVE

SCALE: NTS



## 8 POP-UP SPRAY SPRINKLER

SCALE: NTS



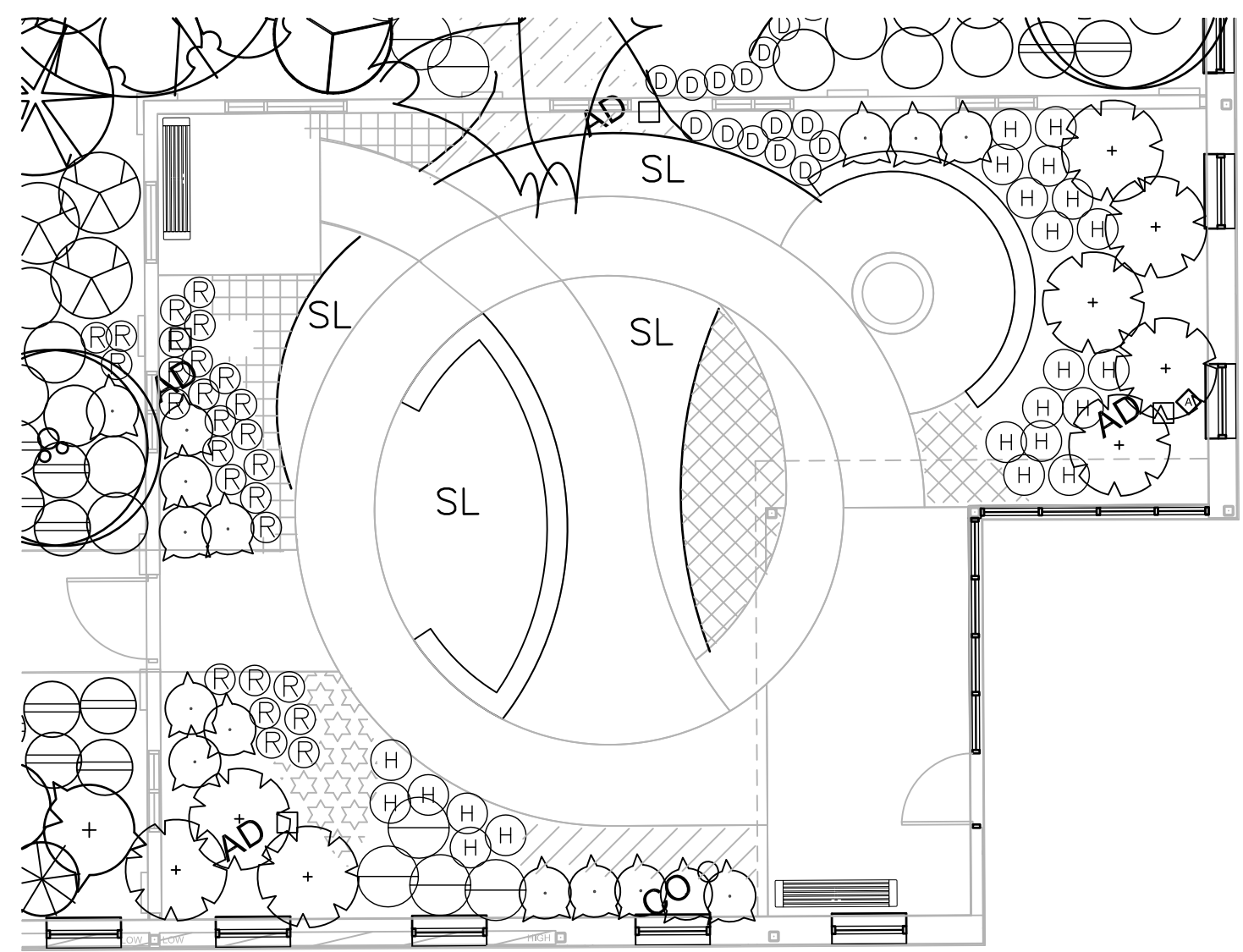
## 9 MANUAL DRAIN VALVE

SCALE: NTS

Revisions	Date	CONSULTANT	STAMP	ARCHITECT	Drawing Title	Project Title	VA Project Number	Office of Construction and Facilities Management
					IRRIGATION DETAILS	SEISMIC REPLACEMENT BLDG 2 PHASE 1 MINOR ACUTE PSYCHIATRIC WARD	653-322	
					Approved: Project Director	Location ROSEBURG, OREGON	Building Number 086	
						Date 30 APR 2012	Sheet Number LI-501	
						Checked LMB	Drawn BR	

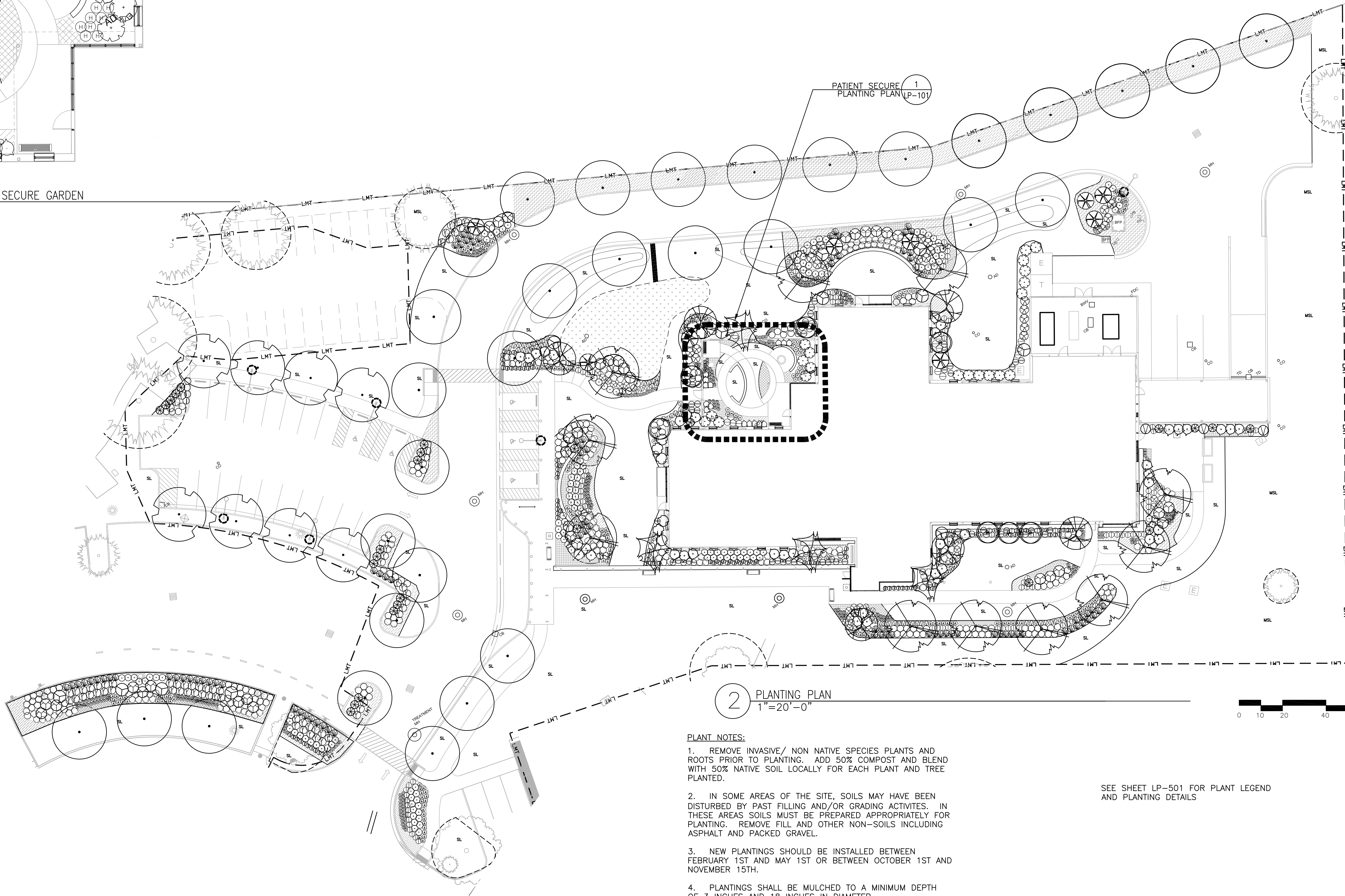


three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot



1 ENLARGED PLANTING PLAN – PATIENT SECURE GARDEN  
1/8" = 1'-0"

SEE SHEET LP-501 FOR PLANT LEGEND  
AND PLANTING DETAILS



2 PLANTING PLAN  
1" = 20'-0"



- PLANT NOTES:**
1. REMOVE INVASIVE/ NON NATIVE SPECIES PLANTS AND ROOTS PRIOR TO PLANTING. ADD 50% COMPOST AND BLEND WITH 50% NATIVE SOIL LOCALLY FOR EACH PLANT AND TREE PLANTED.
  2. IN SOME AREAS OF THE SITE, SOILS MAY HAVE BEEN DISTURBED BY PAST FILLING AND/OR GRADING ACTIVITIES. IN THESE AREAS SOILS MUST BE PREPARED APPROPRIATELY FOR PLANTING. REMOVE FILL AND OTHER NON-SOILS INCLUDING ASPHALT AND PACKED GRAVEL.
  3. NEW PLANTINGS SHOULD BE INSTALLED BETWEEN FEBRUARY 1ST AND MAY 1ST OR BETWEEN OCTOBER 1ST AND NOVEMBER 15TH.
  4. PLANTINGS SHALL BE MULCHED TO A MINIMUM DEPTH OF 3 INCHES AND 18 INCHES IN DIAMETER.
  5. UNLESS OTHERWISE INDICATED ON THIS PLAN, CONTRACTOR TO INSTALL SOD LAWN OR RESEED WITH GRASS SEED AS DIRECTED BY OWNER'S REPRESENTATIVE TO MATCH SURROUNDING GRASS CONDITIONS IN ALL AREAS DISTURBED BY TRENCHING WITHIN THE PROJECT LIMIT OF WORK LINE AS SHOWN ON SHEETS CU-101 THROUGH CU-103.

SEE SHEET LP-501 FOR PLANT LEGEND  
AND PLANTING DETAILS

Revisions	Date

CONSULTANT

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STAMP

ARCHITECT

**Tina Ely architect**  
2915 Wingate Street / Eugene, OR 97408  
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Drawing Title  
**LANDSCAPE PLANTING PLAN**

Approved: Project Director

Project Title  
**SEISMIC REPLACEMENT BLDG 2  
PHASE 1 MINOR  
ACUTE PSYCHIATRIC WARD**

Location  
**ROSEBURG, OREGON**

Date  
**30 APR 2012**

Checked  
**LMB**

Drawn  
**LMB**

VA Project Number  
**653-322**

Building Number  
**086**

Sheet Number  
**LP-101**

OFFICE OF  
CONSTRUCTION  
AND FACILITIES  
MANAGEMENT

Department of  
Veterans Affairs







PLANT LEGEND

TREES

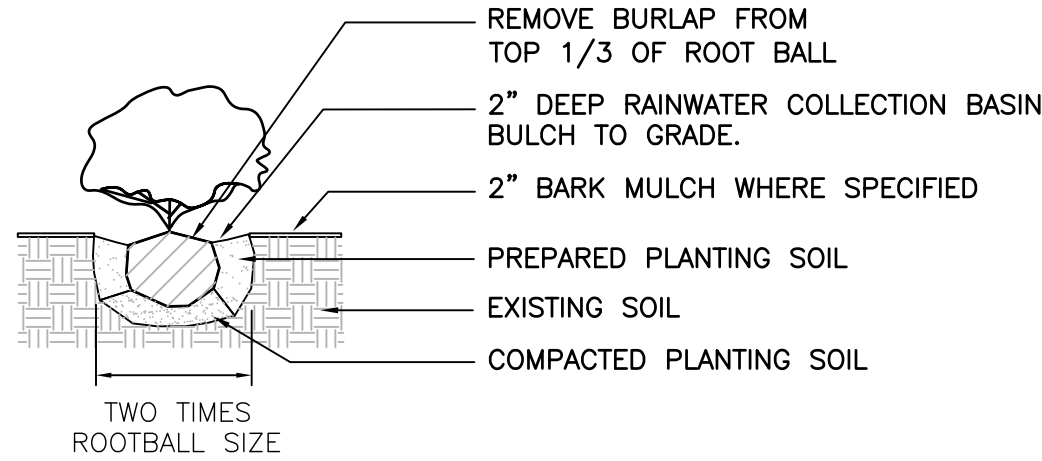
SYMBOL	NAME	QTY.	SIZE	TYPE
	EXISTING DECIDUOUS TREE		SEE PLANS	
	EXISTING CONIFEROUS TREE		SEE PLANS	
	ACER CIRGINATUM	7	6'-8' HT. 3 TRUNK MIN.	
	ACER PALMATUM 'EMPEROR 1'	4	7'-8' MULTI-STEM	
	RED EMPEROR JAPANESE MAPLE			
	CALCEOLUS DECURRENS	12	6'-7' HT. B&B	
	INCENSE CEDAR			
	CHAMAECYPARIS NOOTKATENSIS	9	6'-8' HT. B&B	
	ALASKA CEDAR			
	CORNUS KOUSA 'SANTOMI'	6	2.5' CAL. 4' BRANCH HEIGHT	
	SANTOMI KOUSA DOGWOOD			
	CHAMAECYPARIS OBTUSA 'GRACILIS'	27	4'-5' HT. B&B	
	SLENDER HINOKI CYPRESS			
	GLEDISIA TRIACANTHOS 'SKYCOLE'	8	2' CAL. B&B	
	SKYLINE HONEYLOCUST			
	LIQUIDAMBAR STYRACIFLUA 'WARD' PP 10027	32	2' CAL. MATCHING BRANCH HEIGHTS	
	CHERRYBERRY SWEETGUM			
	PRUNUS YEDDENSIS AKEBONO	11	3' CAL. 5' BRANCH HEIGHT	
	AKEBONO CHERRY			

SHRUBS

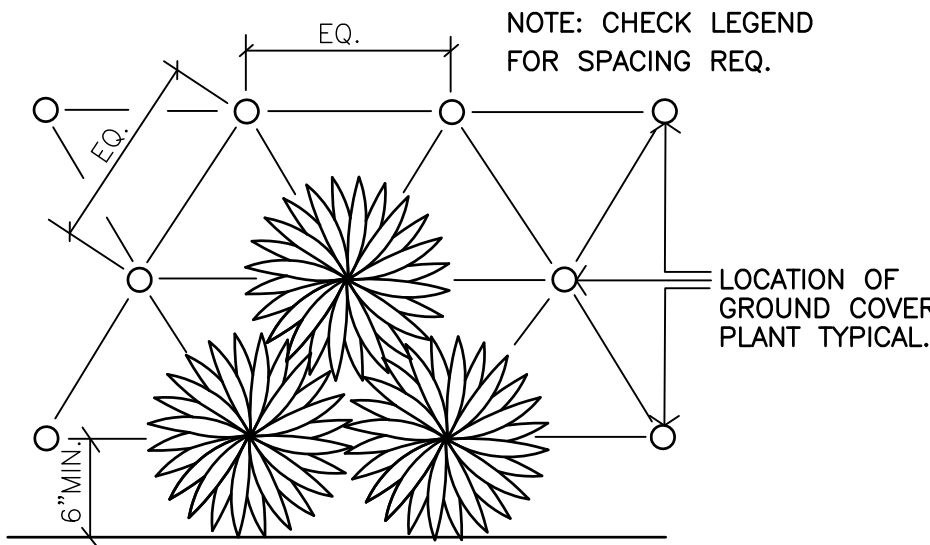
SYMBOL	NAME	QTY.	SIZE	TYPE
	BERBERIS THUNBERGII	107	3 GAL.	CONTAINER
	CRYMSON PYGMY BARBERRY			
	BERBERIS THUNBERGII 'ATROPURPUREA'	67	5 GAL.	CONTAINER
	JAPANESE RED BARBERRY			
	BUXUS MICROPHYLLA JAPONICA 'GREEN BEAUTY'	16	5 GAL.	CONTAINER
	GREEN BEAUTY BOXWOOD			
	CHOISYA TERNATA	20	5 GAL.	CONTAINER
	MEXICAN ORANGE			
	CORNUS SERICEA 'KELSEY'	68	2 GAL.	CONTAINER
	KELSEY RED OSIER DOGWOOD			
	EUONYMUS ALATUS 'COMPACTA'	23	5 GAL.	CONTAINER
	DWARF WINGED EUONYMUS			
	HYDRANGEA 'ENDLESS SUMMER'	3	5 GAL.	CONTAINER
	ENDLESS SUMMER HYDRANGEA			
	ILEX CRENATA CONVEXA	143	15-18"	CONTAINER
	CONVEXA JAPANESE HOLLY			
	NANDINA DOMESTICA 'GULF STREAM'	15	5 GAL.	CONTAINER
	GULF STREAM HEAVENLY BAMBOO			
	PIERIS JAPONICA 'PINK FLAMINGO'	40	24-30"	CONTAINER
	PINK FLAMINGO JAPANESE ANDROMEDA			
	POLYSTICHUM MUNITUM	61	2 GAL.	CONTAINER
	WESTERN SWORD FERN			
	RHODODENDRON 'LEM'S MONARCH'	9	24-30"	CONTAINER
	LEM'S MONARCH RHODODENDRON			
	RHODODENDRON 'SCARLET WONDER'	111	21-24"	CONTAINER
	SCARLET WONDER RHODODENDRON			
	SPIRAEA BUMALDII 'GOLDFLAME'	24	2 GAL.	CONTAINER
	GOLDFLAME SPIRAEA			
	VIBURNUM DAVIDII	173	3 GAL.	CONTAINER
	DAVID VIBURNUM			
	VIBURNUM TOMENTOSUM PLICATUM 'SNOWFLAKE'	35	5 GAL.	CONTAINER

GROUNDCOVERS, GRASSES & PERENNIALS

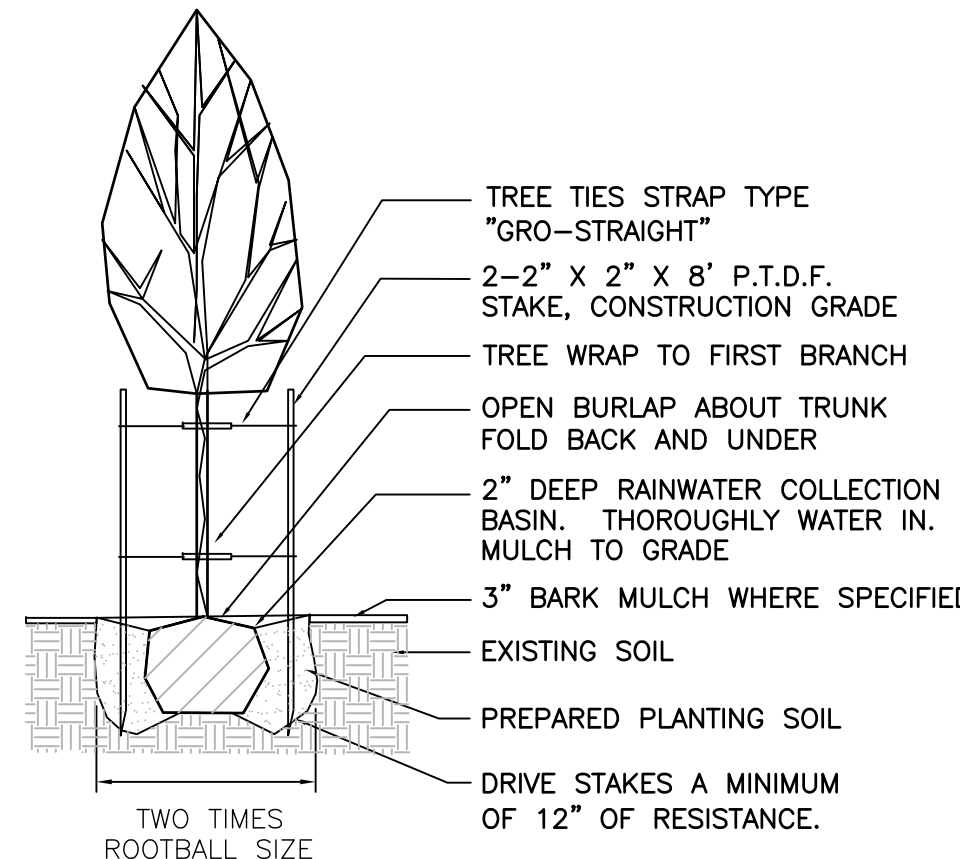
SYMBOL	NAME	QTY.	SIZE	SPACING
	AJUGA REPTANS	1254	1 GAL.	18"O.C.
	BUGLEWEED			
	ARCHTOSTAPHYLOS UVA-URSI 'VANCOUVER JADE'	1270	1 GAL.	18"O.C.
	VANCOUVER JADE COMMON BEARBERRY			
	CAREX MORROWII VARIEGATA	104	2 GAL.	CONTAINER
	VARIEGATED JAPANESE SEDGE			
	CALAMAGROSTIS ARUND. 'KARL FOERSTER'	92	2 GAL.	CONTAINER
	KARL FOERSTER'S FEATHER REED GRASS			
	HEMEROCALLIS 'STELLA DE ORO'	80	1 GAL.	18"O.C.
	STELLA DE ORO DAYLILY			
	HEUCHERA 'MELTING FIRE'	194	1 GAL.	18"O.C.
	MELTING FIRE CORAL BELLS			
	HEUCHERA 'RAVE ON'	119	1 GAL.	18"O.C.
	RAVE ON CORAL BELLS			
	HOSTA 'PATRIOT'	48	2 GAL.	CONTAINER
	PATRIOT HOSTA			
	LAVENDER ANGUSTIFOLIA 'LAVENDER LADY'	128	1 GAL.	18"O.C.
	LAVENDER LADY ENGLISH LAVENDER			
	OPHIOPOGON PLANISCAPUS 'NIGRESCENS'	104	1 GAL.	18"O.C.
	BLACK MONDO GRASS			
	PENNISETUM ALOPECUROIDES 'HADELNS' DWARF FOUNTAIN GRASS	165	2 GAL.	CONTAINER
	RUDBECKIA 'EARLY BIRD GOLD'	165	1 GAL.	CONTAINER
	EARLY BIRD GOLD BLACK-EYED SUSAN			
	GARDEN LAWN	30,240	S.F.	
	MSL SITE LAWN	17,960	S.F.	
	FLOW-THROUGH BASIN	1844	S.F.	



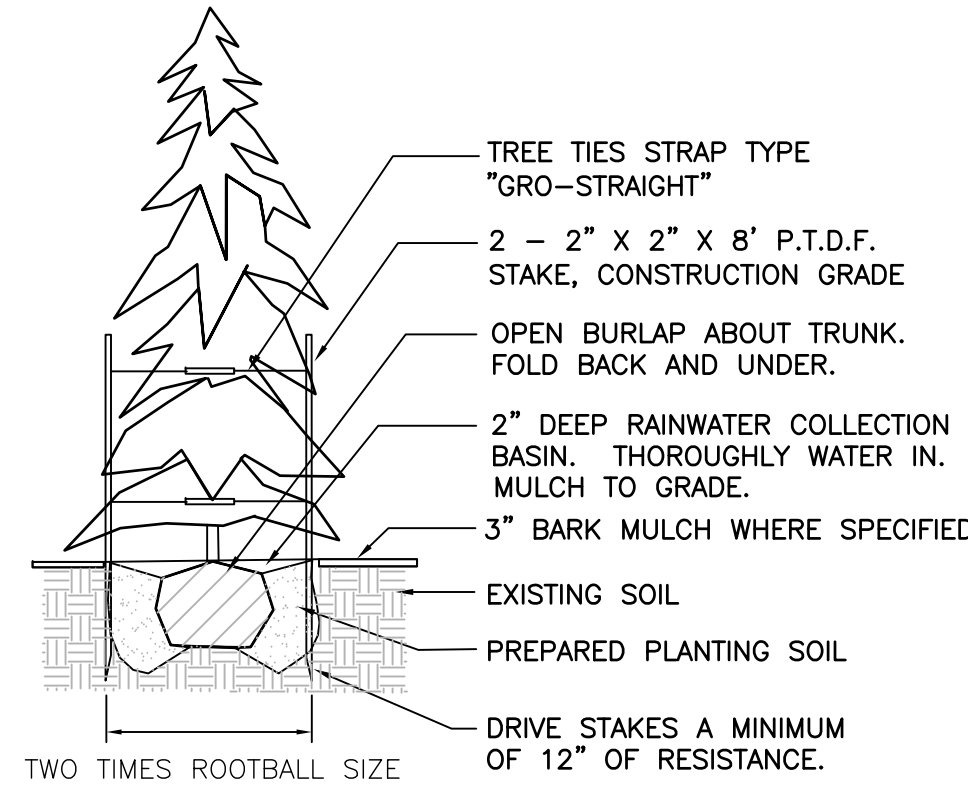
1 SHRUB PLANTING DETAIL  
SCALE: N.T.S.



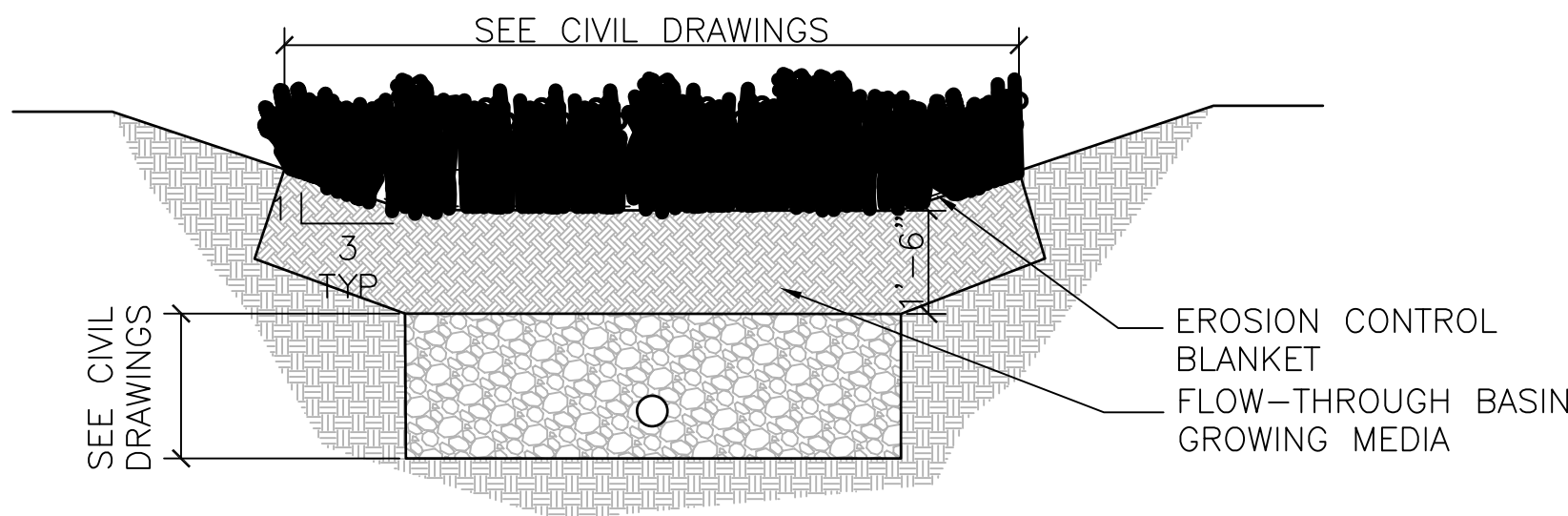
2 GROUNDCOVER PLANTING DETAIL  
SCALE: N.T.S.



3 DECIDUOUS TREE PLANTING DETAIL  
SCALE: N.T.S.



4 EVERGREEN TREE PLANTING DETAIL  
SCALE: N.T.S.



- NOTES:
- SEE CIVIL DRAWINGS FOR LAYOUT AND DETAILING OF FLOW-THROUGH BASIN .
  - FLOW-THROUGH BASIN GROWING MEDIA SHALL BE A BLEND OF SAND AND COMPOST THAT IS 40 PERCENT COMPOST AND SHALL COMPLY WITH THE REQUIREMENTS OF THE MOST CURRENT VERSION OF THE THURSTON COUNTY DRAINAGE DESIGN AND EROSION CONTROL MANUAL (DCEM) FOR LID.08 BIORETENTION FACILITY SOIL MIX.
  - CONTRACTOR TO INSTALL AN EROSION CONTROL BLANKET IN ALL AREAS WHERE FLOW-THROUGH BASIN SEED MIX IS LOCATED. SEE SOIL PREPARATION SPECIFICATIONS FOR PRODUCT DETAILS.

5 FLOW THROUGH BASIN DETAIL  
1/2"=1'-0"

Revisions	Date	CONSULTANT	STAMP	ARCHITECT	Drawing Title	Project Title	VA Project Number
					LANDSCAPE PLANT LEGEND AND DETAILS	SEISMIC REPLACEMENT BLDG 2 PHASE 1 MINOR ACUTE PSYCHIATRIC WARD	653-322
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REGISTERED 204 LANDSCAPE ARCHITECT OREGON

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OFFICE OF CONSTRUCTION AND FACILITIES MANAGEMENT

Department of Veterans Affairs